

AMERICAN TYPE FOUNDERS



ATF Types Offer You

numerous possibilities to express your message in the type best suited to the job. Specimen lines of more than 180 different faces are shown in this new index of ATF Types, including such new series as the Craw Moderns and the Craw Clarendons, News Gothic Bold and the Murray Hills.

Skilled use of these types will add color and interest to any printed piece. Several of the new faces were designed to give display lines a "handlettered" look at only a fraction of the cost of made-to-order lettering!

Best for Printing and Reproduction Proofs

As most printers know, ATF type is the best quality foundry type available. Because of a superior metal alloy used in a precision casting operation, it lasts longer and prints more clearly, with well defined detail. This makes it ideal not only for printing direct from the type, but also for top quality reproduction proofs. Yet ATF type costs little, particularly in the smaller sizes which many printers use only once and discard, without distribution.

Offer Your Customers a Versatile Type Service

with Only a Modest Investment

If you are thinking of adding a casting machine, particularly one for display lines, consider the advantages of far lower investment and greater flexibility of a selection of foundry type.

The wide range of styles and sizes available to you as you need them—the lower cost that makes it possible to discard old faces and add new ones as your requirements change—enable you to offer the most versatile type service with the smallest investment.

ATF Types are Readily Available

ATF's network of type dealerships throughout the country insures immediate availability at convenient locations. In addition, a reserve stock is maintained at the foundry in Elizabeth, New Jersey.

For quickest service, send your orders for type and foundry products to the authorized ATF Type Dealer in your area.

This Handy Index

shows one-line samples of all ATF faces currently manufactured for stock. Most of them are immediately available from your authorized ATF Type Dealer. This catalog also gives complete information on sorts, spaces and quads, leads and slugs, etc. For quick reference, see table of contents on this page.

It's EASY TO ORDER any of the type faces or accessories shown. Simply indicate your requirements on an order blank, as furnished by your dealer, or, if you prefer, use your own purchase order or letterhead and mail it to your ATE type dealer. In most cases, he will make prompt shimment from his comprehensive stock.

How to use this

Handy Type Index

To help you choose the style and quantity of the face you need, just refer to the alphabetical listing of type faces. There you will find, accompanying each sample line, all you need to know about sizes made, number of characters in the font, etc. Here is an example of one of the entries with an explanation of the designations used:

Bernhard Gothic Medium 525 18 pt.

PACK MY BOX WITH FIVE DI Pack my box with five dozen jug | 123

		•							-3		
	26A			18pt	9A	24a	8-1	42pt	44	So	
8pt	22A	52a	17-1	24pt	7A	15a	7-1	48ot			
	21A			30pt	5A	12a	5-1	60ot			
	18A			36et	5A	10a	4-1	72ot	24	So	3.
14pt	15A	35a	10-1								

Name and Number of Face

The full name and face number (Bernhard Gothic Medium 525) should be stated, as in some cases several weights and widths of the same face are available.

Alignment Position

The vertical rule in each specimen line graphically indicates the exact body size of the type. This enables you to see the placement of the face on the type body and the alignment position.

Type 5izes

The point sizes given refer to the body size of the type. These are usually simple designations, such as 24 pt, 30 pt. These are usually simple designations, such as 24 pt, 30 pt. tect. In some eases, different face sizes are available on the same body size, as in the Copperplate Gothics, For instance, 6 pt No. 1, 6 pt No. 2, 6 pt No. 3, etc. Sixes printed 18/24 or 120/96 should be read "18 point face on 24 pt body," or "120 point face on 96 point body."

TABLE OF CONTENTS

OF CONTENTS
Page
Accented Letters, Spanish 18
Adcuts and Logotypes25 and 26
Advertising Figures . 19
Alphabet Cards 27
Alphabetical Listing of Faces 4 to 18
Auxiliary Type Fonts
Calendar Figures
Circular Quads19
Decimal Figures
Font Scheme Table 28
Fractions 19
General Information 1 and 2
Leads and Slugs23
Matrix Engraving
Oldstyle Figures 19
Prices, Fonts of Type 3
Quantity Discounts 3
Quotation Furniture 22
Quotation Quads 22
Small Capitals19
Sorts 24, 25 and 26
Spaces and Quads 20, 21 and 22
Special Character Fonts
Tabular Quadrules

Various Type Bodies

Most faces are now east on a regular square body. Some are designed with an extreme slope, necessitating an angle body. Such faces are marked with a "bullet" or round dot. These foots contain a sufficient quantity of angle spaces. Handmade scripts on wing bodies are Bank Script, Commercial Script, Royal Script, Typo Script and Typo Script Extended.

JANUARY 1960

Contents of a Font

Fonting schemes for every size are also shown. These schemes indicate the quantity of every character contained in the font, in a correct proportion based on the frequency with which the various letters of the alphabet are used.

In our example, 6 pt Bernhard Gothic Medium shows a scheme of 26A, 58a, 21 figures 1. To determine the quantity of the other characters contained in the font, refer to the table on page 28. For the caps, simply follow down the column headed 26. De the same with the column headed 85 and 21 on the proper "Lowercase" and "Figures" tables.

How to Order

When ordering type, be sure to specify the face name, number and the sizes required. For example:

1 FONT 6 PT BERNHARD GOTHIC MEDIUM 525

When you order one font, packages of caps, lowercas and figures will be supplied, or just caps and figures if an lowercase is made. Capitals, lowercase and figures are packaged separately and may be purchased individually, just specify "capitals only," "lowercase only," etc., following the type size. Pomentation marks are supplied into cap and lowercase fonts. Periods, commas, hyphens and dollar signs are also included with figures.

You will most likely need spaces and quads, too and perhaps leads and slugs as well. For complete information on these items see pages 20, 21, 22 and 23.

Identification of Type

When type is ordered to match fonts of doubtful identity, set a word or two and compare with specimes words in this catalog. The face number is stamped on cap H and/or lowercase m where space allows. If still in doubt, the letters H and m, together with a printed sample of any other characters, should be sent with the order to insure positive identification.

Typewriter Faces

When setting facsimile typewritten letters, extra fonts of lowercase characters are usually needed.

To maintain the appearance of type-written copy, jointfers should be used between works instead of regular spaces. As justifiers have the same setwise thickness as the characters, they position the letters one above other, as in type-writing. When ordering justifiers, it is advisable to send samples or to specify the type-writer face for which they are required. Justifiers sell at Table 2104 price, the same as other spaces. (See page 21.)

Accented Letters

Fonted assortments of Spanish accented letters are available for 59 faces in 6, 8, 10, 12, 14, 18 and 24 point. See page 18. Larger sizes of Spanish, or accented characters for other languages may be ordered as sorts, in 6" lines per character. (See pages 24, 25 and 26.) When ordering sorts, specify type face and number, size, language and characters desired. If matrices are available, your order will be cast premptly. Sorry, no complete catalog of secented letters is available.

ATF's Sorts Service in Lines

Sorts, in 6" lines per character, can be supplied for all active and discontinued type faces, ornaments, special characters, etc., for which matrices are in our possession. Prices and more detailed information are shown on pages 24, 25 and 26 of this catalog. As sorts are cast to order, a few weeks must be allowed for delivery. We regret that sorts may not be returned for credit.

Other Special Casting Services

ATFA Foundry Cast Adrots and Logotypes are economical and superior in quality to electrotypes. Matrices for almost all trade-marks, emblems, etc., can be engraved to your pecial order at reasonable prices. Yippeats east from such matrices can be supplied in any number of 6" lines, with a minimum of one 6" line per cut. (A 6" line comprises as many type, cast from one matris, as can be placed in a 36-pica line.) For additional information on this service, see pages 24, 25 and 26.

For Best Service

Your ATF Type Dealer will gladly answer any further questions you may have. He was appointed to be of help to you. Contact him on all matters pertaining to ATF type and foundry products. His inventory enables him to give you prompt service on most items manufactured by our foundry.

Ask him for a copy of our catalog describing the complete line of typographic accessories, such as ornaments, handypacks, initials, monograms, etc.

You will encounter unnecessary delays by sending your orders direct to the type foundry. Contact your authorized ATF Type Dealer, always! He is most familiar with your requirements.

Prices of Foundry Type

in Packaged Fonts of Capitals, Lowercase and Figures

Prices are subject to change without notice

Standard Faces

				Complete fonts		
Size	Fant of Capitals	Font of Lowercose	Fant of Figures	and Figures	Figures	
4	\$ 4.30	\$ 5.00	\$ 1.85	\$11.15	\$ 6.15	
41/2	4.15	5.00	1.85	11.00	6.00	
5	3.95	4.90	1.80	10.65	5.75	
6	2.60	3.35	1.25	7.20	3.85	
8	2.60	3.60	1.30	7.50	3.90	
10	3.55	4.35	1.45	9.35	5.00	
12	3.80	4.75	1.60	10.15	5.40	
14	4.25	5.45	1.75	11.45	6.00	
16	3.95	4.95	1.80	10.70	5.75	
18	4.25	5.45	2.00	11.70	6.25	
24	5.35	6.15	2.35	13.85	7.70	
30	6.00	7.00	2.75	15.75	5.75	
36	7.00	8.05	3.10	18.15	10.10	
42	7.45	8.70	3.35	19.50	10.80	
48	6.70	10.20	3.80	22,70	12.50	
60	10.10	11.95	4.35	26.40	14.45	
72/60	14.30	13.10	6.80	34.20	21.10	
72	15.55	14.40	7.50	37.45	23.05	
84/72	18.25	17.10	7.90	43.25	26.15	
84	19.95	18.50	8.60	47.05	28.55	
96/72	23.75	23.10	9.65	56.50	33.40	
96/84	25.80	24.90	12,20	62,90	38.00	
96	27.50	26.45	13.30	67.25	40.80	
120/96	32.50	29.45	14.55	76.50	47.05	
120	26.75	22.65	16 20	85.70	52.01	

Handmade Script Faces

(Bank Script, Commercial Script, Royal Script, Typo Script, Typo Script Extended.)

Size	Fant of Capitals	Font of Lowercase	Font of Figures	Complete fonts Caps, Lowercase and Figure
12	\$ 6.95	\$ 8.60	\$2.85	\$18.40
14	7.70	9.90	3.20	20.80
18	7.70	9.90	3.65	21.25
24	9.70	11.20	4.30	25.20
30	10.90	12.65	4.95	28.50
36	12.65	14.65	5.60	32.90
48	15.85	18.50	6.95	41.30
60	18.25	21.65	7.90	47.80

Quantity Discounts

on orders shipped and billed at one time.

These discounts opply to all fonts of type and all other casting machine products regularly made for stock. Sorts, leads, slugs and fonts made to special order are not subject to quantity discount.

On orders from \$250 to \$499.99	21/2%
On orders from \$500 to \$999.99	5%
On orders from \$1000 and up	71/2%

Old Metal Information

Ask your ATF type dealer about his policy regarding trade-in allowances for old metal against the purchase of new ATF Type and Foundry Products.

Any quotations made by your ATF type dealer will be as generous as possible. His acceptance of old metal will be consistent with local conditions, trade practices, and market prices.

arfType Faces
Bank Gothic Bold 534 PACK MY BOX 12.3 62 274 84 82 84 84 84 84 84 84 84 84 84 84 84 84 84
Bank Gothic Condensed Light 574 18-40 sho PACK MY BOX WITH FI[12] 641 38A 22-1 1233 28A 12-1 12-3 18A 18-1 18-3 18-5 18-5 18-5 18-5 18-5 18-5 18-5 18-5

PACK MY BOX WITH FIVE DOZEN JUGS A											
Pa	ck	my	box	with	fiv	e c	lozen	jug	s 1	23	45
ópt	38A	70a	26-1	18pt	15A	27a	10-1	42pt			
8ot	31A	60a	21-1	24pt	11A	17a	8-1	48pt	5A	9a	4-1
10pt	30A	52a	17-1	30pt	9A	15a	7-1	60pt			
12pt	27A	48a	17-1	36pt	7A	12a	5-1	72pt	44	5a	4-1
14nt	214	394	13.1								

Alternate Gathic No. 3-8

PACK MY BOX WITH FIVE DOZEN JUI Dack my hav with five dozen jul123

	34A			18pt	12A	24a	9-1	42pt	5A	9a	4-1
8pt	29A	53a	21-1	24pt	9.4	15a	7-1	48pt	44	7a	3-1
10pt	26A	46a	17-1	30ot	8.4	13a	7-1	60et	3A	Se	3-1
12pt	24A	41a	13-1	36pt	6A	10a	5-1	72pt	3A	40	4-1
14pt	20A	34a	11-1								

American	Тур	ewrite	er 11			10 pt. shown
PACK MY	BOX	WITH	FIVE	DOZEN	JUGS	ABCDEFG

Pack my box with five dozen jugs 1234567 10of 20A 31a 9-1

Balloon Extrabold 677

PA	CK	MY	BOX	W	TH	FIVE	123	4
10pt	21A	13-1	24pt	SA.	7-1	60pt	44	3-1
12pt	19A	12-1	30pt	6A	5-1	72pt	3A	3-1
14ot	17A	10-1	36at	5A	4-1	96/72	3A	3-1

Bank	Go	thic Me	dium !	533		1	8-20 s	hawn
Р	Α	CK	M	Y	BC	1 X	2	3
6-11 6-12 6-13	244	20-1 15-1 13-1	12-15 12-16 12-17	15A		12-18 18-19 18-20	10A 7A 5A	5-1 5-1 4-1

PACK MY BOXI123 6-1 28A 20-1 12-5 18A 10-1 12-8 10A 7-1 6-2 25A 17-1 12-6 15A 9-1 18-9 7A 5-1 6-3 21A 13-1 12-7 13A 7-1 18-10 6A 4-1

Bank Gothic Cond. Medium 575 18-50 shows PACK MY BOX WITHI1234 6-41 36A 22-1 12-45 24A 12-1 12-48 14A 8-1 6-42 31A 21-1 12-46 20A 11-1 18-49 9A 7-1 6-43 26A 19-1 12-47 17A 9-1 18-50 8A 5-1

18-10 shawn

Bank Gothic Light 532



PACK MY BOX WITH F Pack my box with five 1234 6pt 32A 65a 25-1 8pt 23A 45a 20-1 10pt 22A 41a 17-1 14pt 16A 30e 11-1 30pt 7A 13e 7-1 18pt 12A 25e 10-1 36pt 5A 9e 5-1 24pt 8A 15e 8-1 48et 4A 7e 4-1

Baskerville Roman 15

PACK MY BOX WITH FIVEL Pack my box with five dozen 123 18-1 11A 24e 10-1 30pt 5A 10u 5-1 18-2 9A 20u 9-1 36pt 4A 8u 4-1

Baskerville Italic 16

PACK MY BOX WITH FIVE Pack my box with five dozen ju 123 18-1 7A 27g 10-1 18-2 6A 22g 9-1

Bernhard Fashian 527

18 pt. shows

PACK MY BOX WITH FIL Pack my box with five dozen jugs 12345 12pt 13A 47g 15-1 18pt 7A 27g 10-1

Bernhard Gothic Extra Heavy 546

PACK MY BOX WITH FIVE Pack my box with five doz 123

Bernhard Gathic Heavy 530

PACK MY BOX WITH FIVE DI Pack my box with five dozen il123 24pt 7A 13a 5-1 30pt 5A 11a 4-1

Bernhard Gothic Light 528

PACK MY BOX WITH FIVE DOZI Pack my box with five dozen iu 1234

Bernhard Gothic Medium 525 PACK MY BOX WITH FIVE DI Pack my box with five dozen jug 123

Bernhard Gathic Med. Cond. 672

PACK MY BOX WITH FIVE DOZEN JUI Pack my box with five dozen jugs 123456

Rernhard Gothic Med. Italic 537

PACK MY BOX WITH FIVE DI Pack my box with five dozen jul 123

Bernhard Modern Bold 670

PACK MY BOX WITH FIVE

Pack my box with five dozen123

Bernhard Madern Bold Italic 671

PACK MY BOX WITH FIVE Pack my box with five dozen 123

Bernhard Modern Roman 668 18 pt. shows	
PACKMY BOX WITH FIVE DO	Bodoni Book 27 18 pt. shown
Pack my box with five dozen jugs 123	PACK MY BOX WITH FIVE DOZE
8pt 21A 50a 19-1 13pt 9A 22e 9-1 42pt 4A 9a 4-1 10pt 21A 48a 13-1 24pt 7A 15a 7-1 48pt 3A 7a 3-1	Pack my box with five dozen jug 123
12pt 18A 40a 12-1 30pt 5A 12a 5-1 60pt 3A 7a 3-1 14pt 15A 34a 10-1 36pt 5A 10a 4-1 72pt 3A 3a 3-1	6pt 28A 60u 26-1 14pt 17A 35u 11-1 36pt 5A 10u 5-1 8pt 21A 45u 21-1 18pt 10A 22u 9-1 42pt 4A 9u 4-1 10pt 22A 44u 17-1 24pt 9A 15u 7-1 48pt 4A 7u 4-1
Bernhard Tango 582 18 pt. shawn	12pt 19A 39a 13-1 30pt 7A 12a 5-1 For Small Capitals — See page 19
PACK MY BOX WITH FIVE D	
•	Bodoni Book Italic 28 18 pt. shown
Pack my box with five dozen jugs 1234	PACK MY BOX WITH FIVE DOZE
18pt 9A 28a 9-1 36pt 5A 12a 4-1 60pt 2A 8a 3-1 24pt 7A 18a 7-1 48pt 3A 9a 3-1 72pt 3A 5a 3-1	Pack my box with five dozen jugs 123
Bodoni 22 18 pt. shown	6pt 29A 63a 26-1 12pt 19A 40a 13-1 24pt 8A 15a 7-1 8pt 21A 46a 21-1 14pt 16A 33a 11-1 30pt 6A 12a 5-1 10pt 21A 46a 17-1 8pt 10A 23a 9-1 36pt 5A 10a 5-1
PACK MY BOX WITH FIVE D	Bodoni Italic 23 18 pt. shown
Pack my box with five dozen 1234	
ópt 27A 58o 26-1 18ot 9A 21o 9-1 48pt 4A 6o 4-1	PACK MY BOX WITH FIVE DO
8pt 20A 44a 21-1 24pt 8A 14a 8-1 60pt 3A 6a 3-1 10pt 21A 4ta 15-1 30pt 6A 11a 5-1 72pt 3A 4a 4-1 12pt 17A 35a 13-1 36pt 5A 9a 5-1	Pack my box with five dozen ju 123
14pt 15A 31a 11-1 42pt 4A 8a 4-1	6pt 27A 58o 26-1 12pt 17A 36o 13-1 24pt 8A 13o 7-1 8pt 20A 43o 21-1 14pt 16A 32o 11-1 30pt 6A 11o 5-1
Bodoni Bold 24 18 pt. shown	10pt 20A 41a 17-1 18pt 10A 21a 9-1 36pt 5A 9a 5-1
PACK MY BOX WITH FIVE D	Boxhead Gothics 38 4-11 shown
Pack my box with five doze 123	4-1 32A 23-1 4-21 33A 23-1 4-101 44A 30-1
6pt 26A 53g 21-1 24pt 7A 12g 7-1 72gt 3A 4g 3-1	4-11 40A 27-1 4-31 40A 27-1 All cost on 4 pt body
8pt 20A 40a 17-1 30pt 5A 10a 5-1 84/72 3A 4a 3-1 10pt 20A 38a 13-1 36pt 5A 8a 4-1 96/84 3A 4a 3-1	Brody 704 18 pt. shown
12pt 17A 33o 11-1 43pt 4A 7a 4-1 12C/96 3A 4a 3-1 14pt 15A 30a 10-1 48pt 3A 6a 3-1	Pack My Box With Five Dozen Jugs 12345
18pt 9A 20a 8-1 60pt 3A 5a 3-1 Newspaper Bodoni Bold—Listed under "N"	18et 12A 28a 10-1 36at 5A 11a 5-1 60at 3A 6a 3-1
Bodoni Bold Italic 25 18 pt. shows	24pt 9A 17a 8-1 48pt 4A 8a 4-1 72pt 3A 4a 4-1 30pt 7A 14a 7-1
	Brush 689 18 pt. shown
PACK MY BOX WITH FIVE D	
Pack my box with five dozen 123	Pack My Box With Five Doze 123
6pt 26A 54o 21-1 18pt 9A 20a 8-1 48pt 3A 6o 3-1 8pt 19A 40a 17-1 24pt 7A 13a 7-1 60pt 3A 5o 3-1	12pt 14A 41a 10-1 30pt 5A 12a 4-1 60pt 3A 7a 4-1 14pt 12A 34a 9-1 36pt 4A 10a 4-1 72pt 3A 5a 3-1 18pt 8A 22a 7-1 42pt 3A 9a 4-1 84/72 3A 4a 4-1
10pt 20A 38a 13-1 30pt 5A 10a 5-1 72pt 3A 4a 3-1 12pt 17A 34a 11-1 36pt 5A 8a 4-1	18pt 8A 23o 7-1 42pt 3A 9o 4-1 84/72 3A 4o 4-1 24pt 6A 15o 5-1 48pt 3A 8o 3-1

For best service contact your ATF type dealer

.Type Faces

Bernhard Modern Italic 669

8pt 21A 53a 19-1 10pt 21A 49a 15-1 12pt 17A 43a 12-1 14pt 15A 36a 10-1

PACK MY BOX WITH FIVE DO Pack my box with five dozen jugs 123

18pt 9A 25a 9-1 24pt• 6A 15a 5-1 30pt• 5A 12a 4-1 36pt• 4A 10a 4-1

Century Bold Condensed 56 18 pt. shown	
PACK MY BOX WITH FIVE DOZEN JUGS	
Pack my box with five dozen jugs 123456	
6pt 34A 63a 26-1 18pt 14A 26a 11-1 48pt 5A 8a 4-1 8pt 30A 55a 22-1 24pt 11A 17a 9-1 66pt 4A 6a 3-1 10pt 29A 50a 19-1 30br 9A 14a 7-1 72pt 4A 4a 4-1 12a 12A 44a 14-1 34pt 12A 38a 13-1 47pt 6A 9a 5-1 6A 9a 5-	atfType Faces
Century Bold Italic 58 18 pt. shown	
PACK MY BOX WITH FIV	Century Oldstyle Bold 63 18 pt. shows
Pack my box with five do 123	PACK MY BOX WITH FI
6pt 24A 50g 20-1 12pt 15A 30g 11-1 24pt 6A 11g 7-1 8pt 19A 39g 15-1 14pt 12A 24g 10-1 30pt 5A 9g 5-1 10pt 18A 36g 12-1 18pt 8A 17g 8-1 36pt 4A 7g 4-1	Pack my box with five 123
Century Catalogue 444 12 pt. shown	6pt 22A 45a 17-1 12pt 15A 30a 10-1 24pt 6A 11a 5- 8pt 18A 38a 13-1 14pt 12A 25a 9-1 30pt 5A 9a 4-
PACK MY BOX WITH FIVE DOZEN JUGS	10pt 17A 34o 11-1 18pt 8A 17o 7-1 36pt 4A 7o 3-
Pack my box with five dozen jugs 1234567890	Century Oldstyle Italic 62 12 pt. shows
6pt 25A 54a 26-1 10pt 20A 43a 17-1 12pt 17A 37a 13-1 8pt 20A 45a 21-1	PACK MY BOX WITH FIVE DOZEN JUG
Century Catalogue Italic 468 12 pt. shown	Pack my box with five dozen jugs 1234567890

PACK MY BOX WITH FIVE DOZEN JU |
Pack my box with five dozen jugs | 1234567890

60 | 244 250 21-1 | 1001 104 430 13-1 | 13p1 164 380 13-1 |
50 | 104 440 17-1 | 13p2 164 380 13-1 |
Century Expanded 59

PACK MY BOX WITH FIVE Pack my box with five doz 123

Century Expanded Italic 60

PACK MY BOX WITH FIVE Pack my box with fine doz 1234

PACK MY BOX WITH FIVE Pack my Box with five flow for 100 ft. 1

PACK MY BOX WITH FIV |
Pack my box with five | 1234

 6pt
 22A
 4So
 19-1
 14pt
 12A
 23o
 9-1
 30pt
 5A
 9o
 5

 But
 18A
 36o
 15-1
 16pt
 9A
 17c
 9-1
 3dpt
 4A
 7o
 4-1

 10pt
 17A
 34o
 12-1
 18pt
 8A
 6a
 8-1
 48pt
 3A
 5a
 3-1

 12pt
 15A
 29o
 11-1
 24pt
 6A
 10a
 5-1
 4
 6a
 3a
 3a

Century Schoolbook Italic 465

PACK MY BOX WITH FIV

Pack my box with five doz | 123

64 122 50 21-1 | 164 124 250 21 | 204 24 10 25

64 124 50 21-1 | 164 124 250 21 | 204 24 10 25

65 124 50 21-1 | 164 124 250 21 | 204 26 10 25

66 124 50 21-1 | 164 124 250 21 | 204 26 10 25

66 124 50 21-1 | 164 124 250 21 | 204 26 10 25

67 124 124 125 125 | 204 25 21 | 204 26 10 25

68 124 125 125 | 164 124 25 21 | 204 26 10 25

68 124 125 125 | 164 125 25 21 | 204 26 10 25

68 125 125 125 | 125 25 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25 25

69 125 125 125 | 125 25 25

69 125 125 125 | 125 25 25

69 125 125 125 | 125 25 25

69 125 125 | 125 25 25

69 125 125 | 125 25 25

69 125 125 | 125 25 25

69 125 125 | 125 25 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125 25

69 125 125 | 125

Copperplate Gothic Bold 132 18-50 shows PACK MY BOXI1234 6-42 29A 21-1 12-45 18A 12-46 16A 18-50 64 5-1 6-43 24A 17-1 4-1 Type Faces Copperplate Gothic Heavy 130 18-30 shown PACK MY BOXI1234 Craw Clarendon 710 18 nt. shown 6-22 29A 21-1 12-26 16A 10-1 12-27 13A 9-1 12-28 11A 7-1 18-30 5-1 6-23 24A 17-1 5A 4.1 PACK MY BOX WITH Pack my box with 1234 Capperplate Goth, Hyv. Cond. 129 18-20 shows PACK MY BOX WITHI123 5A 10a 5-1 4A 8a 4-1 10pt 15A 30o 10-1 12pt 13A 26o 9-1 6-12 34A 22-1 6-13 29A 21-1 6-14 25A 19-1 12-16 21A 12-1 12-17 17A 10-1 12-18 15A 9-1 18-20 8A 7A 5-1 Craw Clarendon Book 712 18 pt. shown Copperpiate Goth, Hyv. Extend. 135 1840 now PACK MY BOX WITH FI Pack my box with fiv 123 SA 6-72 24A 19-1 13A 24pt 5A 100 6-1 30pt 4A 8n 4-1 36mt 4A 7n 4-1 12.77 114 24-79 6.73 20A 13-1 44 12pt 14A 27a 10-1 Copperplate Gothic Italic 133 Craw Modern 714 18 pt. shown PACK MY BOXI123 PACK MY BOX WIT Pack my box wit|123 6-52 29A 21-1 12.56 164 6-53 24A 19-1 12 57 12A SA. 6A 12a 5-1 5A 8a 4-1 Copperplate Gothic Light 128 18-10 shown 10pt 12A 23a 9-1 PACK MY BOXI1234 Craw Modern Bold 716 18 pt, shown PACK MY BOX WI 5A 44 6-3 24A 17-1 13A Pack my box w|123 Copperplate Gothic Lt. Cond. 131 PACK MY BOX WITHI123 10pt 13A 23a 9-1 18-39 10A 6-32 34A 22-1 6-33 29A 21-1 12-36 21A 12-1 12-37 17A 10-1 12-38 15A 9-1 8A 18-40 7-1 7A 6A 24-39 De Roos Italic 698 18 pt. shown

23 A 52p 20-1

23A 48a 15-1

PACK MY BOX WITH FIVE DOZEN I

Pack my box with five dozen jugs 1234567

12A 28a 10-1

18-70 shown

18.70 5A

24.69 44

Capperplate Goth, Lt. Extend. 134

12-66 13A 12-67 11A 8-1

PACK

6-62 24A 17-1 6-63 20A 13-1

De Roos Roman 697 18 pt. shown	Engravers Old English 148 18 pt. shows
PACK MY BOX WITH FIVE DOZEN J	Pack My Box With Five Doze 123
Pack my box with five dozen jugs 1234567	8pt 19A 45a 19-1 18pt 9A 20a 9-1 42pt 3A 7a 4-1 10pt 18A 46a 13-1 24pt 6A 13a 7-1 48pt 4A 6a 3-1 12pt 16A 37a 12-1 30pt 5A 11a 5-1 60pt 3A 3a 4-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 4A 9a 4-1 72pt 3A 5a 3-1 44pt 14A 32a 11-1 36pt 14A 32a 11-
6pt 30A 60a 22-1 14pt 17A 35a 11-1 30pt 6A 12a 7-1 8pt 22A 46a 19-1 18pt 12A 26a 11-1 36pt 5A 9a 6-1 10pt 24A 46a 15-1 24(s) 9A 17a 9-1 48pt 4A 8a 4-1	14pt 14A 32a 11-1 35pt 5A 11a 5-1 50pt 3A 5a 4-1 14pt 14A 32a 11-1 35pt 4A 9a 4-1 72pt 3A 5a 3-1
10pt 24A 46a 15-1 24(s) 9A 17a 9-1 48pt 4A 8a 4-1 12pt 20A 41a 13-1 24(l) 8A 14a 8-1	Engravers Roman 1627 12-43 shows
Dom Bold 703 18 pt. shown	PACK MY BOX WIT 123
PACK MY BOX WITH FIVE DOZEN JUGS A	6-41 32A 26-1 6-43 11A 17-1 12-42 8A 10-1 6-42 15A 21-1 12-41 11A 12-1 12-43 7A 8-1
Pack my box with five dozen jugs 1234567	Engravers Shaded 151 18-1 shows
18ct 14A 29a 10-1 26ct 7A 12a 6-1 72ct 4A 4a 4-1	PACK MY123
24pt 10A 18a 8-1 48pt 5A 9a 4-1 30pt 8A 14a 6-1 60pt 4A 7a 3-1	6-1 10A 10-1 12-7 6A 5-1 18-1 3A 4-1
Dom Casual 696 18 pt. shown	6-2 10A 12-1 12-2 7A 7-1 18-2 3A 4-1 6-3 15A 15-1 12-3 10A 8-1
PACK MY BOX WITH FIVE DOZEN JUGSIAB	Engravers Text 541 18-1 shows
Pack my box with five dozen jugs 1234567890	Pack My Box With Five Dozen Jugs 1234
18pt 15A 32p 11-1 36pt 6A 13p 5-1 72pt 4A 5p 4-1	10pt 26A 55o 17-1 18-1 12A 28o 10-1 24-2 10A 20o 9-1 12pt 22A 46o 15-1 18-2 14A 31o 12-1
24pt 10A 19a 7-1 48pt 5A 9a 4-1 30pt 8A 15a 5-1 60pt 4A 7a 3-1	12pt 22A 40a 15-1 18-2 14A 31a 12-1 14pt 19A 41a 13-1 24-1 9A 17a 8-1
Dom Diagonal 699 18 pt. shown	Franklin Gothic 162 18 pt. shows
PACK MY BOX WITH FIVE DOZEN JUGS AB	PACK MY BOX WITH FIV
Pack my box with five dozen jugs 1234567890	Pack my box with five 123
18ot 14A 30a 9-1 36ot 6A 13a 5-1 72ot 4A 5a 4-1	4pt 34A 63a 22-1 14pt 13A 25a 8-1 48pt 3A 5a 3-1 5pt 28A 55a 21-1 18pt 8A 16a 7-1 60pt 3A 5a 3-1
24pt 10A 20a 7-1 48pt 5A 9a 4-1 30pt 8A 15a 6-1 60pt 4A 7a 3-1	6pt 23A 44a 17-1 24pt 6A 11a 5-1 72pt 3A 4a 3-1 8pt 19A 37a 13-1 30pt 5A 9a 4-1 84pt 3A 4a 3-1
Elite Underwood Typewriter 205 10 pt. shows	10pt 17A 33a 10-1 36pt 4A 7a 3-1 96pt 3A 4a 3-1 12pt 16A 30a 9-1 42pt 4A 6a 3-1
PACK MY BOX WITH FIVE DOZEN JUGS ABCDEFG	Franklin Gothic Condensed 163 18 pt. shows
Pack my box with five dozen jugs 1234567	PACK MY BOX WITH FIVE DOZ
10pt 20A 31e 9-1	Pack my box with five doze 123
Empire 597 36 pt. shown	
PACK MY BOX WITH FIVE DOZE1123	6pt 26A 48a 18-1 18pt 10A 20a 8-1 48pt 4A 6a 3- 8pt 22A 42a 15-1 24pt 8A 13a 5-1 60pt 3A 6a 3- 10pt 21A 38a 13-1 30pt 7A 11a 5-1 72pt 3A 4a 3- 12pt 19A 35a 11-1 36pt 5A 9a 4-1
LIIPV NIL DAV MIIII IIAF AAFIIGA	14pt 16A 29a 10-1 42pt 4A 8a 3-1
36pt 12A 8-1 60pt 7A 5-1 96pt 8A 8-1 48pt 9A 7-1 72pt 7A 7-1	Franklin Gothic Extra Cond. 165 18 pt. shows
	PACK MY BOX WITH FIVE DOZEN JUGS
Engravers Bold 147 182 shown	Pack my box with five dozen jugs 1234
PACK MY 1234	
6-2 28A 23-1 12-2 8A 8-1 30pt 3A 3-1 6-3 19A 21-1 12-3 7A 7-1 36pt 3A 3-1	10pt 27A 47a 17-1 36pt 7A 11a 5-1 96pt 4A 5a 4-1 12pt 25A 44a 13-1 42pt 6A 9a 4-1 120pt 3A 3a 3-1
6-4 14A 17-1 18-1 3A 5-1 6-5 11A 13-1 18-2 4A 4-1	14pt 21A 36a 11-1 48pt 5A 8a 4-1 18pt 14A 26a 10-1 60pt 5A 8a 3-1
For hest service contac	t your ATF type dealer

18 pt. shows

18 pt. shown

PACK MY BOX WITH FIV | Pack my box with five | 123 | 6p1 23A 440 17-1 | 18p1 4A 150 7-1 | 48p1 3A 50 3-1

 6pt
 22A
 44a
 17-1
 18pt
 8A
 15a
 7-1
 48pt
 2A

 8pt
 18A
 27a
 13-1
 24rt
 6A
 10a
 51
 60pt
 2A

 10pt
 17A
 31a
 10-1
 30pt
 5A
 8a
 4-1
 72pt
 3A

 12pt
 15A
 28a
 10-1
 30pt
 4A
 6a
 3-1
 4a
 4a
 3-1
 4a
 4a
 3a
 3a

Franklin Gothic Wide 701

PACK MY BOX WITH Pack my box with 123

6pt 17A 34a 12·1 18pt 6A 12a 5·1 48pt 3A 5a 3·8pt 13A 29a 11·1 24pt 5A 9a 4·1 60pt 3A 3a 3·10pt 14A 26a 9·1 30pt 4A 7a 3·1 72pt 3A 3a 3·12pt 13A 10 11·10pt 14A 26a 9·1 30pt 4A 7a 3·1 72pt 3A 3a 3·12pt 13A 20 10.1 3a-6 3A 5a 3·1

Garamond 459

PACK MY BOX WITH FIVE DO|
Pack my box with five dozen jugs | 123

for 25A 530 22-1 | 16pt 12A 250 11-1 | 45pt 4A 80 51

for 21A 450 20-1 | 16pt 10A 220 10-1 | 44pt 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A 70 44

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1 | 80 4A

for 21A 450 15-1 | 24pt 4A 150 8-1

Garamond Bold 474

Garamond Bold 474

PACK MY BOX WITH FIVE D

Pack my box with five dozen 1234

607 20A 200 17:1 | Host 10A 200 10:1 | Capt 6A 50 6A 160 10

607 20A 400 17:1 | Host 10A 200 10:1 | Capt 6A 50 6A 160 10

607 20A 400 17:1 | Host 10A 200 10:1 | Capt 6A 50 6A 10

607 20A 400 17:1 | Host 10A 200 10:1 | Capt 6A 50 6A 10

607 20A 400 17:1 | Host 10A 200 10:1 | Capt 6A 50 6A 10

607 20A 400 17:1 | Line 11 400 10 10

607 20A 400 10:1 | 200 10 10

607 20A 400 10:1 | 200 10

607 20A 400 10

607 20A 400 10:1 | 200 10

607 20A 400 10

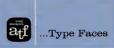
607 20A 400

Garamond Bold Italic 489

FACK MY BOX WITH FIVE DO PACK my box with five dozen jug 123 bit 304, 505, 711 life 184, 250, 111 day 4.8 to 1.5 bit 304, 605, 71 life 184, 250, 115 day 4.8 to 1.5 bit 304, 605, 71 life 184, 250, 71 life 184, 2

Garamond Italic 460

PACK MY BOX WITH FIVE DOZ Pack my box with five dozen jugs 1234567 for 204 500 201 1 for 124 500 121 360 54 110 201 for 204 500 201 1 for 124 500 121 360 54 110 201 300 224 50 171 1 for 124 500 121 360 111 460 54 100 21



Gothic Condensed No. 529–268

PACK MY BOX WITH FIVE DOZEN JUGS [ABCDEFGHI Pack my box with five dozen jugs | 1234567890] ab

Gothic No. 544-263

18 pt. shawn

PACK MY BOX WITH FIVE |
Pack my box with five do | 123

det 214 466 15:1 | 20rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 406 15:1 | 16rt 124 20 12 |
det 144 40

Gothic No. 545-264

18 pt. s

PACK MY BOX WITH FIJ Pack my box with five 123

Spd 1204 41s 17-1 18pr 8A 170 5-1 48pr 3A 50 8pt 17A 51s 15-1 42pr 6A 11s 5-1 46pr 4A 5s 10pr 15A 35s 9-1 30pr 4A 9s 4-1 72pr 3A 4s 12pr 13A 29s 8-1 36pr 4A 7s 4-1 14pr 11A 23s 7-1 42pr 3A 6s 3-1

PACK MY BOX WITH FIVE 1234

Goudy Bold 446

18 pt. shown

PACK MY BOX WITH FIV Pack my box with five doz | 123

6pt 22A 50o 20-1 18pt 8A 18p 8-1 45pt 3A 5o 8pt 18A 41p 17-1 24pt 6A 12p 7-1 60pt 3A 5o 10pt 18A 37p 13-1 30pt 5A 7p 5-1 72pt 3A 4o 12pt 16A 33p 11-1 34pt 4A 8p 4-1 14pt 3A 27p 10-1 47pt 3A 6pt 4A 8p 4-1

Lydian Bold 673 18 pt. shows PACK MY BOX WITH FIVE DOZI Pack my box with five dozen 123 Lydian Bold Condensed 692

PACK MY BOX WITH FIVE DOZEN JUGS A

Pack my box with five dozen jugs 123456

Lydian Bold Condensed Italic 693

PACK MY BOX WITH FIVE DOZEN JUGS A Pack my box with five dozen jugs | 123456

Lydian Bold Italic 674

18 pt. shown

PACK MY BOX WITH FIVE DOZEI Pack my box with five dozen 1234

Lydian Cursive 682

Pack My Box With Five Dozen 1234 36pt+ 4A 9o 4-1 42pt+ 3A 8o 3-1

Lydian Italic 667

PACK MY BOX WITH FIVE DOZEN Pack my box with five dozen 123456

Type Faces

Monotone Gothic 329

PACK MY BOX WITH FIVE Pack my box with five dol12 10pt 17A 33a 10-1

Murray Hill 711

Pack My Box With Five 1234 30pt 5A 19a 7-1 36pt 4A 15a 6-1

Murray Hill Bold 713

24 pt. shown

Pack My Box With Five 123 30pt 5A 15a 6-1 36pt 4A 13a 6-1

New Casion 331

PACK MY BOX WITH FI Pack my box with five dol123 18pt 7A 17e 9-1 24pt 5A 12e 7-1

New Caslon Italic 332

PACK MY BOX WITH FIV Pack my box with five dozen 123

News Gothic 338 PACK MY BOX WITH FIVE DOZI

Pack my box with five doze 123

18 pt. shows

PACK MY BOX WITH FIVE DO | Pack my box with five do | 123

691 26A 45c 19-1 24pt 7A 11c 5-1 72pt 3A 4c 5pt 12A 41c 17-1 30pt 5A 9c 4-1 84pt 3A 3c 15pt 12A 41c 17-1 30pt 4A 6c 3-1 96pt 3A 4c 12pt 18A 30c 10-1 42pt 4A 6c 3-1 96pt 3A 4c 12pt 18A 30c 10-1 42pt 3A 5c 3-1 120pt 3A 3c 44pt 16A 26c 9-1 48pt 4A 5c 3-1 120pt 3A 3c 44pt 16A 26c 9-1 48pt 4A 5c 3-1 120pt 3A 7c 7-1 60pt 3A 4c 12pt 16A 17c 7-1 60pt 3A 4cc 3c 3-1 120pt 3A 17c 7-1 60pt 3A 4cc 3c 3-1 120pt 3A 17c 7-1 60pt 3A 4cc 3c 3-1 120pt 3A 3cc 44pt 16A 26c 9-1 48pt 4A 5c 3-1 120pt 3A 3cc 44pt 16A 26c 9-1 48pt 4A 5c 3-1 120pt 3A 3cc 44pt 16A 26c 9-1 48pt 4A 5c 3-1 120pt 3A 3cc 44pt 16A 26c 9-1 48pt 4A 5c 3-1 120pt 3A 3cc 44pt 16A 26c 9-1 48pt 4A 5c 3-1 120pt 3A 3cc 44pt 16A 26c 9-1 48pt 4A 5c 3-1 120pt 3A 5c 44pt 16A 3cc 44pt 16

Spartan Black Condensed 687

1 687

Spartan Black Cond. Italic 688

18 pt. shor

PACK MY BOX WITH FIVE DOZEN JUGS A Pack my box with five dozen jugs 1234567

Data	26A	46a	154	26a	11A	17a	8-1	46a	5A	5a	54
Data	26A	46a	15-1	26a	11A	17a	8-1	46a	5A	5a	54
Data	26A										
Data	26A	26A	26A	26A	26A	26A					
Data	26A	26A	26A	26A	26A						
Data	26A	26A	26A	26A							
Data	26A	26A	26A	26A							
Data	26A	26A	26A	26A							
Data	26A	26A	26A								
Data	26A	26A	26A								
Data	26A	26A	26A								
Data	26A										
Data											

Spartan Black Italic 684

18 pt. shows

Spartan Book 707

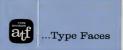
PACK MY BOX WITH FIVE DOZE Pack my box with five dozen ju 123 607 264 510 19-1 1207 214 400 12.1 240 94 160 7.1 1807 234 40 18:1 1267 184 340 11:1 207 73 120 61

Spartan Extra Black 694

18 pt. shown

PACK MY BOX WITH FIVE
Pack my box with five d | 12

1201 184 250 10-1 2001 284 100 5-1 4801 24 46 3-1
1201 184 250 10-1 2001 284 10 40 3-1 40 40 40 3-1
1201 184 250 1-1 2601 24 40 40 3-1 201 201 34 3 3-1



Spartan Heavy 685

18 pt. shm

Spartan Heavy Italic 686

18 pt. shawn

Spartan Medium 680

18 pt. shown

PACK MY BOX WITH FIVE DOZE Pack my box with five dozen 1234

Spartan Medium Condensed 706

PACK MY BOX WITH FIVE DOZEN JUGS AB Pack my box with five dozen jugs 234567

Spartan Medium Italic 681

18 pt. shown

PACK MY BOX WITH FIVE DOZE
Pack my box with five dozen 1234

Standard Typewriter 384 12 pt. shown	5tymie Light 553 18 pt. shown
PACK MY BOX WITH FIVE DOZEN JUGS	PACK MY BOX WITH FIVE D
Pack my box with five dozen 12345	Pack my box with five dol123
12pr 16A 250 9-1 Steelplate Gothic Bold 1873 30 pr. shown	6pt 26A 53p 21-1 12pt 18A 34p 12-1 30pt 5A 10p 5-1 8pt 22A 44p 19-1 14pt 18A 28p 10-1 36pt 5A 8p 4-1 10pt 20A 38p 12-1 18pt 9A 10p 8-1 48pt 3A 5p 3-1 10-2 22A 44p 13-1 24pt 7A 12p 7-1
PACK MY 12	Stymie Medium 552 18 pt. shown
30pt 3A 3-1 36pt 3A 4-1	PACK MY BOX WITH FIVE
Stymie Black 598 18 pt. shown	Pack my box with five 1234
PACK MY BOX WITH FI	6pt 25A 50p 20-1 14pt 14A 27p 9-1 36pt 4A 8p 4-1 8pt 21A 43p 15-1 18pt 9A 19p 7-1 42pt 3A 6p 3-1 10pt 19A 37p 11-1 18-2 10A 21p 8-1 48pt 3A 5p 3-1
Pack my box with fiv 123	10pt 19A 37c 11-1 18-2 10A 21c 8-1 48pt 3A 5c 3-1 10-2 21A 45c 12-1 24pt 7A 12c 5-1 66/60 3A 5c 3-1 12ct 17A 33c 10-1 30pt 5A 10c 4-1 72/60 3A 4c 3-1
12pt 15A 28a 8-1 24pr 6A 10a 4-1 48pt 3A 5a 3-1 14pt 12A 23a 7-1 30pt 5A 8a 4-1 60pt 3A 3a 3-1 18pt 8A 15a 5-1 36pt 4A 7a 3-1 72pt 3A 4a 3-1	Thompson Quillscript 700 18 pt. shown
Stymie Black Italic 599 18 pt. shown	Pack My Box With Five Dozen Jugs 123
PACK MY BOX WITH F	14pt 15A 47a 11-1 24pt 7A 21a 7-1 36pt 5A 14a 5-1 18pt 9A 31a 9-1 30pt 5A 17a 6-1 48pt 3A 10a 3-1 For Optional Characters — See page 19
Pack my box with fi 123	
12pt 14A 26a 8-1 24pt- 5A 9a 4-1 48pt- 3A 4a 3-1 14pt 11A 21a 7-1 30pt- 4A 8a 3-1 18pt 7A 15a 5-1 36pt- 3A 6a 3-1 -Angle body	PACK MY BOX WITH FIVE DOZEN JUGS A
Stymie Bold 551 18 pt. shown	Pack my box with five dozen jugs 12345678
PACK MY BOX WITH FI	12pr 26A 50a 19-1 24pr 11A 20a 10-1 45pr 5A 9a 5-1 14pr 22A 43a 15-1 30pr 9A 16a 8-1 66pr 4A 7a 4-1 14pr 13A 29a 11-1 36pr 7A 13a 7-1 72pr 4A 5a 5-1
Pack my box with five 123	
(a) 204 (8- 171 19-) 84 17a 7-1 (But 14 6a 3-1	Typo Roman 509 18-1 shown
10pt 17A 37a 11-1 24pt 6A 11a 5-1 60pt 4A 5a 3-1 12pt 16A 32a 9-1 30pt 4A 8a 3-1	PACK MY BOX WITH FIVE DOZEN JUG
14pt 13A 26a 8-1 36pt 3A 6a 3-1	Pack my box with five dozen jugs 1234567890
Stymie Bold Condensed 658 18 pt. shown	10pt 25A 54a 20-1 18-1 13A 29a 12-1 24-2 11A 21a 10-1 12pt 23A 48a 19-1 18-2 15A 33a 13-1 14et 21A 44a 15-1 24-1 10A 18a 9-1
PACK MY BOX WITH FIVE DOZEN JUG	Typo Roman Shaded 481 18-1 shown
Pack my box with five dozen jugs 123	PACK MY BOX WITH FIVE DOZEN JUG
12pt 24A 43a 13-1 24pt 10A 16a 8-1 48pt 5A 8a 4-1 14pt 21A 36a 11-1 30pt 9A 13a 7-1 60pt 4A 6a 3-1 18at 13A 25a 10-1 36at 7A 11a 5-1 72pt 4A 4a 4-1	Pack my box with five dozen jugs 1234567890
	f ack my box with five dozen jugs 1234-30 / 890
Stymie Bold Italic 561 18 pt. shown	14pt 21A 44o 15-1 18-2 15A 34o 13-1 24-2 11A 21o 10-1
PACK MY BOX WITH FI	Typo Script 399
Pack my box with five 23	Pack My Bex With Five Dozen Jugs 1234567890
3pt 19A 40a 13-1 18pt 8A 17a 7-1 36pt 3A 6a 3-1 10pt 17A 35a 11-1 18-2 9A 19a 7-1 42pt 3A 5a 3-1 12pt 15A 13a 10-1 24pt 5A 10a 4-1 48pt 3A 5a 3-1	14pr 15A 33a 17-1 30pt 6A 20a 9-1 60pt 3A 10a 5-1 18pt 10A 32a 13-1 36pt 5A 16a 8-1 24pt 8A 23a 10-1 48pt 4A 12a 5-1
•Angle body	This is a handmade Script — See special price table, page 3

18 pt. shown

Ultra Bodoni 518

PACK MY BOX WITH F

Pack my box with fi | 123

60 100 500 101 100 70 100 70 400 30 50 50

 6pt 18A 36a 13-1
 18pt 7A 15a 7-1
 48pt 3A 5a 3A 5a 3B 5t 15A 30a 11-1
 24pt 3A 5a 4b 41
 60pt 4A 4a 3 3B 5a 3A 5a 4b 41
 60pt 4A 4a 3 3B 5a 3A 5a 3A

Ultra Bodoni Extra Cond. 573 18 pt. shown

PACK MY BOX WITH FIVE DOZEN|
Pack my box with five dozen ju [123]
| 12st | 15A 24c | 12-1 | 25cs | 7A | 15c | 5-1 | 25cs | 25cs | 24cs | 25cs | 25cs

Ultra Bodoni Italic 516

PACK MY BOX WITH Pack my box with 1234

 6pt
 17A
 35o
 13-1
 14pt
 11A
 22o
 8-1
 35pt+
 4A
 5o
 4-1

 8 pt
 15A
 30o
 11-1
 18pt
 7A
 15o
 5-1
 42pt+
 3A
 5o
 3-1

 10pt
 15A
 30o
 10-1
 24pt+
 4A
 8a
 4-1
 42pt+
 3A
 5a
 3-1

 12pt
 12A
 24o
 8-1
 30pt+
 4A
 7a
 3-1
 -Angle body

Underwood Typewriter Inland 216

PACK MY BOX WITH FIVE DOZEN JUGS A
Pack my box with five dozen 12345

Verona 695

PACK MY BOX WITH FIVE D| Pack my box with five dozen jugs | 1234

Whitehall 566

18 pt. shown

PACK MY BOX WITH FIVE D Pack my box with five dozen 123

Accented Letters...

Spanish
Prices per font containing accented Capital and

Lowercase chorocters:
6 pt. \$2.10 14 pt. \$3.10
8 pt. 2.35 18 pt. 3.40
10 pt. 2.60 24 pt. 3.90
12 pt. 2.90
Prices per fent contening occented Capital characters only for use with Title line facesity.

 Alternote Genha: #1
Alternote Genha: #2
Alternote Genha: #2
Benha: #2
Benha: #2
Benha: #2
Benha: Genha: Light
Benha: Genha: Light
Benha: Genha: Medium
Benha: Genha: Medium
Benhard Genhard
Genhary Beld
Caulon #3-80
Caulon #3-80

Cheltenhom Medium
Copporpiote Gehite Bold
Copporpiote Gehite Heory
Copporpiote Gehite Heory
Condensed
Cond

Fanted assartments of Spanish accented letters are available for faces listed below in 6, 8, 10, 12, 14, 18 and 24 pt.

Larger sizes may be ordered as sorts, provided matrices are available

News Gothic Condensed News Gothic Extra Conc Orpx Park Avenue Firemest Italic Remington Typewriter Sporton Heody Sporton Heody Symie Bold Holic Symie Bold Holic Symie Bold Holic Symie Medium Lower Type Remon Shoded

10

Auxiliary Type Fonts

(Small caps, oldstyle figures, special characters, etc.)

NOTE: Ask your ATF Type Dealer for complete catalog and price list showing all other fonted accessories, such as Ornaments, Handypacks, Monograms and Initials, etc.

Advertising Figures

Spartan Black No. 78 Spartan Black Condensed No. 80 Spartan Heavy No. 79 Spartan Medium No. 77

Prices per font 42/36 pt. \$9.80 18/14 pt. \$11.45 48/42 pt. 9.10 60/48 pt. 7.60 24/18 pt. 11.70 30/24 pt. 10.70 72/60 pt. 7.30 36/30 pt.

Calendar Figures Spartan Heavy

Prices per font \$2.20 \$12,35 12 pt. 36 pt. 48 pt. 5.20 20.75 18 pt. 24 pt. 6.55



Font contains 4 sets each: 3, 5, 6, 7, 9, 12 picas \$10.55 Price per font

Decimal Figures Spartan Black

Sportan Black Condensed Spartan Heavy Spartan Medium Prices per font 18 pt. \$1.95 42 pt. \$3.10

24 pt. 2.20 48 pt. 5.55 30 nt. 60 pt. 36 pt. 72 pt. 6.25 Fractions

Century Oldstyle, 6 to 18 pt. Spartan Black, 12 to 72 pt.

Spartan Black Cond., 12 to 72 pt. Spartan Heavy, 12 to 72 pt. Spartan Medium, 6 to 72 pt.

I rices per jon	
6 pt. \$1.	45 30 pt. \$2.45
8 pt. 1.	55 36 pt. 2.75
10 pt 1.	55 42 pt. 3.10
12 pt. 1.	60 48 pt. 3.25
	80 60 pt. 5.55
	95 72 pt. 6.25
	20

Oldstyle Figures

Bulmer Italic, 6 to 48 pt. Bulmer Roman, 6 to 48 pt. Prices are the same as lining figures, see page 3.

Small Capitals

Bodoni Book, 6 to 18 pt. Bulmer Roman, 6 to 18 pt. Caslon No. 540, 6 to 18 pt. Caslon Oldstyle No. 471, 6 to 18 pt. Century Expanded, 6 to 12 pt. Century Oldstyle, 6 to 18 pt. Century Schoolbook, 6 to 18 pt. Garamond, 6 to 18 pt. Gondy Oldstyle, 6 to 18 pt. Prices per font 6 pt. \$1.85 14 pt. \$2.45 2.60 S.nt. 1.95 16 pt. 2.60 10 pt. 1.95 18 pt. 12 nt. 2.10

Special Characters

Brush Special Characters

Prices per font \$3,10 12 pt. \$1.60 42 pt. 14 pt. 1.80 48 pt. 3.25 1.95 60 pt. 3,85 18 pt. 4.35 24 pt. 2.20 72 pt. 2.45 84 pt. 4.90 30 nt. 36 pt. 2.75

Caslon Oldstyle No. 471 Caslon Oldstyle Italic No. 471 Onaint Characters

Prices p	er font		
6 pt.	\$1.45	14 pt.	\$1.80
8 pt.	1.55	18 pt	1.95
10 pt.	1.55	24 pt.	2.20
12 pt.	1.60	30 pt.	2.45

Caslon Oldstyle Italic No. 471 Swash Capitals

Prices per font 6 pt. \$2.75 18 nt. \$4.00 8 pt. 9 00 24 pt. 4.60 2.00 30 pt. 5 25 10 nt. 5.05 12 nt 3 20 36 pt. 14 pt. 3.65 42 pt 7.00

Gondy Oldstyle Greek Letters Prices per font \$3,20 24 pt. \$3.00 12 pt. 18 pt. 2.60 36 pt.

Huxley Vertical Special Characters (Pointed Capitals) Prices per font \$1.95

18 pt. \$1.20 48 pt..... 24 nt. 1.30 60 pt. 2.25 2.45 30 pt. 1.55 72 pt. 2.75 1.65 84 pt. 36 pt.

Thompson Quillscript

Optional Characters Prices per font \$1.80 30 pt. 82.45 14 nt. 3.75 18 pt. 1.95 36 pt.

48 nt.

2.20 **Tabular Quadrules**

24 pt.

Typecast material for ruled blank forms, Tabular Quadrules are more economical than separate quads and rules, are composed more rapidly than the separate materials, giving a form that is solid and more accurate. The

face of Tabular Quadrules is 1/4 point. Tabular Quadrules are cast on 12, 18 and 24 point bodies, in 12, 18, 24, 30, 36, 48, 60 and 72 point widths. Packages weigh about 5 lbs.

Number of Lines of Each Set Width

Per Package										
Blody	IZ pt.	12	24 pc.	38 pc.	36 pc.	40 pt.	59 pc.	72 pt.	Total Lines	Pkg. Price
12	1						3			\$12.75
18	1	1	2	2	2	2	2	2	14	11.90

Type Foundry Spaces and Quads

Precision-Cost in Type Moulds

Spaces and Quads are not sold by the pound.

Please order by fant or item number.

SPACES

are non-printing types less than one em in set width. Thickness is commonly designated by the number of pieces that add up to approximately one em, as 5-to-em, 4-to-em, and 3-to-em. ATF Foundry Spaces are graduated on the point-set system to quarter points. 10 point 3-to-em Spaces are 31/2 points set: 14 point 3-to-em Spaces are 5 points set, 2-to-em is called EN SPACE.

are cast em-set, two-em or three-em. Sizes smaller than 14 point contain all three: 14 point to 24 point do not contain three-cm Quads, Larger sizes are em Ouads.

SPECIAL HEIGHT,

Base Height and %-inch Spaces and Ouads are cast to order in foundry lines only (see page 24). Spaces or Quads can be shaved down at the Foundry to desired LOWER heights at extra cost of 25 cents per 6-inch line in addition to regular cost of material.

INTERMEDIATE SIZES

- 51/2, 7, 9, 11, 20, 22, 54 and 66 point Spaces and Quads are not put up in fouts or packages. These and larger sizes - 84, 96, 108 and 120 point - are supplied as sorts only.

ILISTIFIEDS

When setting Typewriter type, use Justifiers instead of regular spaces. Send sample with order or specify typewriter face for which they are required. For prices, see Table 2104 on opposite page.

Set Widths of Spaces and Quads in Points

_	_		. :	SPACE	S		QUADS		
Pt. Size	Thin Spaces	Thinner Than 5-em	5 to Em	4 to Em	3 to Em	En	Em	2-em	3-em
4 pt 4½ 5 6 8 10					11/2	2 2¼	4	8	12
41/2					13/2	21/4	41/2	8 9	131/2
5				11/2	2	2½ 3 4 5 6 7 8 9	5	10	15
6				11/2	2 3 31/2	3	6	12	18
8			11/2	2	3	4	8	16	24
10		132	2	21/2	31/2	5	10	20	30
12 14		2	21/2	3	4 5 5 6 8 10	6	12	24	36
14		2	3 3 4 6	4 4 6	5	7	14	28	
16		2	3	4	5	8	16	32	
16 18		2	3	4	6	9	18	36	
24	2	3	4	6	8	12	24	48	
30	3	4	6	8	10	15	30		
36	3	4	6	8	12	18	36		
42 48 60	2 3 4 4	2 2 2 2 3 4 4 6 6	9	11 12	14	21	42		
48	4	6	9	12	16	24	48		
60	6	8	12	15	20	30	60		
72	6	9	12	18	24	36	72		

Heights of Spaces and Quads

Size	Regular	Special Height	Bose Height	76 in	
4 pt	.889	Special Heights			
41/2		made to order			
5	.889		nly as sor	ts	
6	800	.878	*	*	
8	.800	.878	*	*	
10	.800	.878	*	*	
12	.800	.878	.853	*	
14	.759	.844	.853	.875	
16	.865	*	*		
18	.759	.844	.853	.875	
24		.844	.853	.875	
30		.822	.853	.875	
36	.759	.822	.853	.875	
42	.822	.835	.853	.875	
48	.795	.835	.853	.875	
60	.795	.835	.853	.875	
72	.795	.835	.853	.875	

Price List · Type Foundry Spaces and Quads

Order by Font Number

Table 2101 **Economy Fonts** Assertment of Spaces and Quads in One Package

Font No.	Pt. Size	Approx. Lb. Weight	Price
2101-4	4	.666	\$2.20
2101-45	41/2	.75	2.50
2101-5	5	.83	2.50
2101-6	6	1.	1.75
2101-8	8	1.328	1.85
2101-10	10	1.664	2.15
2101-12	12	2.	2.30
2101-14	14	2.32	2.65
2101-16	16	2.66	3.10
2101-18	18	3.	3.10
2101-24	24	4.	3.65
2101-30	30	5.	4.50
2101-36	36	6.	5.15
2101-42	42	5.25	4.50
2101-42	42	5.25	

Spaces and Quads for Handmade Scripts

(Bank Script, Commercial Script, Royal Script, Typo Script and Typo Script Extended)

Pointed Spaces and Ouads are not included in above fonts. A few letter com-binations require their use and they can be supplied in the assertments shown be-low, at prices listed. In ordering, be sure to specify "YOR USE WITH HANDMADE SCRIPTS."

Table 2106

Point Size	Economy Fonts	Spaces or Quads
12	\$3.80	\$4.80
14	4.35	4.85
18	5.00	4.55
24	5.85	4.30
30	7.20	5.35
36	8.25	7.25
48		8.00
60		9.50

Angle body Spaces

Packages of assorted spaces for use with angle body types are available in 24, 30, 36, 48, 60 and 72 pt. at table 2102 prices.

Separate Packages

Table 2102 Assorted Spaces

Font No.	Pt. Size	Approx. Lb. Weight	Price
2102-4	4	2.5	\$8.25
2102-45	41/2	2.5	8.25
2102-5	5	2.5	7.55
2102-6	6	2.5	4.40
2102-8	8	2.5	3.60
2102-10	10	2.5	3.20
2102-12	12	2.5	2.90
2102-14	14	2.6	2.95
2102-18	18	2.7	2.80
2102-24	24	3.0	2.70
2102-30	30	3.7	3.35
2102-36	36	5.2	4.45
2102-42	42	5.2	4.45
2102-48	48	6.0	5.00
2102-60	60	7.5	6.05
2102-72	72	8.0	6.25

Table 2103 **Asserted Quads**

ice	Font No.	Pt. Size	Apprex. Lb. Weight	Price
.25	2103-4	4	2.5	\$8.25
.25	2103-45	41/2	2.5	8.25
.55	2103-5	5	2.5	7.55
.40	2103-6	6	2.5	4.40
.60	2103-8	8	2.5	3.60
.20	2103-10	10	2.5	3.20
.90	2103-12	12	2.5	2.90
.95	2103-14	14	2.6	2.95
.80	2103-18	18	2.7	2.80
.70	2103-24	24	3.0	2.70
.35				
.45				

Larger sizes are em auads only. Order them at Table 2105 prices (see below)

Packages of one set width only In ordering, Specify Set Width Desired and Show Font Number.

Table 2104

Spaces Thinner Than Em	
Quad and Justifiers	
	-

Fost No.	Pt, Size	Apprex. Lb. Weight	Price	Font No.	Pt. Size	Avoiloble Widths	Price		
2104-4	4	1.0	\$3.30	2105-4	4	1, 2 or 3 Em	\$3.30		
2104-45	41/2	1.0	3.30	2105-45	41/2	1, 2 or 3 Em	3.30		
2104-5	5	1.0	3.05	2105-5	5	1, 2 or 3 Em	3.05		
2104-6	6	1.0	1.75	2105-6	6	1, 2 or 3 Em	1.75		
2104-8	8	1.0	1.45	2105-8	8	1, 2 or 3 Em	1.45		
2104-10	10	1.0	1.25	2105-10	10	1, 2 or 3 Em	1.25		
2104-12	12	1.0	1.15	2105-12	12	1, 2 or 3 Em	1.15		
2104-14	14	.9	1.15	2105-14	14	1 or 2 Em	1.15		
2104-18	18	1.0	1.05	2105-18	18	1 or 2 Em	1.05		
2104-24	24	1.0	.90	2105-24	24	1 or 2 Em	.90		
2104-30	30	1.2	.90	2105-30	30	1 Em only	.90		
2104-36	36	1.5	.90	2105-36	36	1 Em only	.90		
2104-42	42	1.7	.90	2105-42	42	1 Em only	.90		
2104-48	48	1.0	.80	2105-48	48	1 Em only	.80		
2104-60	60	1.3	.80	2105-60	60	1 Em only	.80		
2104-72	72	1.5	.75	2105-72	72	1 Em only	.75		

Metal, Brass and Copper Thin Spaces

Metal Thin Spaces

These are 2 point Duratin Leads cut to lengths which correspond to regular type hodies from 12 to 42 point. Packaged in 4 outice cartons. Sizes available: 12, 18, 24, 30, 36 and 42 point.

For larger sizes, regular Duratin Lends may be used.

Copper and Brass Thin Spaces

Half point Copper and one point Brass Thin Spaces are put up in 2 ounce packages of one body size, either Copper or Brass. Sizes available: 6, 8, 10, 12, 14, 18, 24, 30, 36, 42, 48, 60 and 72 point. Price, less than 10 packages 70 cents per nackage 10 or more packages, assorted sizes as desired 55 cents per package



Assortments of Thin Spaces (be sure to order by number)

No. 20 Assertment, American Thin Spaces: Assertment consists of 20A Assortment - Copper Thin Spaces

20B Assortment — Brass Thin Spaces 20C Assortment - Metal Thin Spaces

No. 3040 Onarter-size case Price per complete assortment in case 20 1/29

No. 20A Assortment, Copper Thin Spaces: Includes one 2 ounce package each of 6, 8, 10, 12, 18, 24, 36, 48, 60 and 72 point. Price per assortment \$ 5.50

No. 208 Assortment, Brass Thin Spaces: Includes one 2 ounce package each of 6, 8, 10, 12, 18, 24, 36, 48, 60 and 72 point. Price per assortment

\$ 5.50 No. 20C Assortment, Metal Thin Spaces Includes one 4 ounce package each 2 point Metal Spaces in body sizes 12, 18, 24, 30 and 36 point.

Duratin Metal Quotation Quads and Furniture

Duratin Metal Quotation Quads

Cast in DURATIN Metal, with closed bottoms. Quads in packages No. 1 through 14 are .759" high, larger sizes are .795" high. Turned upside down, .759" quads may be used as electrotype base. A small rib inside open end provides grip for handling with tweezers. Made on regular type-casting machines, equally accurate as Foundry type. Each package contains a single size, Order by package number, T-LI- 2107

Duratin Metal Quotation Furniture

0 275

Cast in DURATIN Metal, approximately .695" high, in sizes listed below, Each nackage contains a 36-pica line of one size. Order by package number.

T-LI- 0100

14410 2103							I upie 2106								
Pkg. No.	Size in Points	Pieces	(Picos)	Package Price	Pkg. No.	Size in Points	Places	Area (Picos)	Package Price	Pkg. No.	Size in Picos	Pkg. Size	Pieces	Area (Picos)	Potkoge
1	24×18	288	864	\$3.95	19	48×42	60	840	\$3.95	36	2x fl	8×36	18	288	\$1.80
2	24×24	216	864	3.95	20	48x48	54	864	3.95	37	2×10	10×36	18	360	2.05
3	30x18	240	900	3,95	21	60×18	120	900	3.95	38	2×12	12×36	18	432	2,40
4	30x24	180	900	3.95	22	60x24	90	900	3.95	39	2×15	15x36	18	540	2.55
5	30×30	140	875	3.95	23	60x30	70	875	2.95	40	2x16	16x36	18	576	2.70
6	36x18	192	864	3.95	24	60x36	60	900	3.95	41	2×20	20×36	18	720	2.90
7	36x24	144	864	3.95	25	60×42	.50	875	3.95	42	3× 8	8x36	12	288	1.80
8	36×30	128	840	3.95	26	60×48	45	900	3.95	43	3x10	10×26	12	360	2.05
9	36x36	96	864	3.95	27	60×50	35	875	3.95	44	3×12	12x36	12	432	2.40
10	42×18	168	882	3.95	28	72×18	96	854	4.40	45	3x15	15x36	12	540	2.55
11	42x24	126	882	3.95	29	72×24	72	864	4,40	46	3×16	16x36	12	576	2,70
12	42x30	98	858	3.95	30	72×30	52	840	4,40	47	3x20	20x36	12	720	2.90
13	42×36	84	882	3.95	37	72x36	48	864	4.40	48	4x B	8x36	**	288	1.80
14	42×42	70	8.58	3,95	32	72x42	40	840	4,40	40	4x10	10x36	- 7	360	2.05
15	48×18	144	864	3.95	33	72×48	36	864	4,40	50	4x12	12×36		432	2.40
16	48×24	108	864	3.95	34	72×60	28	840	4.40	51	4x15	15×36	ć	540	2.55
17	48×30	84	840	3.95	35	72×72	24	864	4,40	52	4x16	16x36	ő	576	2.70
18	48×36	72	864	3.95						53	4x20	20x36	ě	720	2.90
										23	4x20	20x36	y	720	2.90

ATF Duratin Products

Spaces and Quads... Quotation Quads... Quotation Furniture... Leads and Slugs

ATF Duratin Leads and Slugs

Standard Body Sizes

Leads are strip-metal spacing material in body sizes 1, 2, 3 and 4 point. Slugs are strips of the same material, in body sizes 6, 8, 10 and 12 point.

Duratin Leads and Slugs

are produced in strips 24 inches long. All metal is formulated at the refinery. Scrap metal such as old batteries, lead cables, etc., are not used for DURATIN.

Standard Height

is .759" (electrotype base height). Other special heights such as .853" (high base) and .765" (Ludlow base) are made to order only. Inquiries for price quotations should state height and quantities desired.

Price Schedules

provide lower cost for larger quantities ordered at one time; therefore, Leads and Slugs may not be included with other foundry products for quantity discount purposes.

Printers everywhere

tell us that ATF Duratin leads and slugs are more solidly cast and more accurately fitted than any now on the market.

Specially designed machines, exclusive with ATF, cast this material in continuous strips, assuring a more solid, uniform body... even in 1 pt. thickness... than is possible on machines casting only an inch or two at a time.

Machined to micrometer precision, their accuracy makes for better, faster make-up . . . tighter lock-up . . . fewer work-ups.

Strip Leads and Slugs

1 pt.	Packages	1	2-19 10-95	20-99 100-495	100 or more 500 and over
	Approx. Ibs. Per package	\$3.45	\$3.25	\$3.20	\$3.10
2, 3, 4	Packages	1-9	10-49	50-99	100 or more
and	Approx. lbs.	10-90	100-490	500-990	1000 and ove
6 pt.	Per package	\$5.55	\$5.30	\$5.25	\$5.05
8, 10	Packages	1-9	10-49	50-99	100 or more
and	Approx. lbs	10-90	100-490	500-990	1000 and ove
12 pt.	Per package	\$5.60	\$5.50	\$5.45	\$5.40

Labor-Saving Leads and Slugs

	(1000)										
1 pt.	Packages 1	2-19	20-99	100 or more							
	Approx. lbs. 5	10-95	100-495	500 and over							
	Per package \$5.50	\$5.25	\$5.15	\$5.00							
2, 3, 4	Packages 1 Approx. lbs 5 Per package \$4.95	2-19	20-99	100 or more							
and		10-95	100-495	500 and over							
6 pt.		\$4.75	\$4.70	\$4.50							
8, 10	Packages 1	2-19	20-99	100 or more							
and	Approx. lbs. 5	10-95	100-495	500 and over							
12 pt.	Per package \$5.30	\$5.05	\$5.00	\$4.85							

Cut-To-Measure Leads and Slugs

1 pt.	Packages	1-4	5-24	25-49	50 or more
	Approx, lbs.	2-8	10-48	50-98	100 and over
		2.40	\$2.35	\$2.25	\$2.20
2, 3, 4	Packages	1-4	5-24	25-49	50 or more
and	Approx. lbs.	2-8	10-48	50-98	100 and over
6 pt.		2.15	\$2.10	\$2.05	\$2.00
8, 10	Packages	1-4	5-24	25-49	50 or more
and		2-8	10-48	50-98	100 and over
12 pt.		2.30	\$2.25	\$2.20	\$2.10

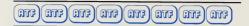
Special Fonts for Cabinet Working Tops

(Order by iont num)	oer)	
5 to 9½ ems by half-picas	2 fonts fit No.	Per font
Approximately 20 lbs.	12013D Cabinet*	\$19.25
5 to 9½ ems by half-picas	2 fonts fit No.	Per font
Approximately 20 lbs.	12013D Cabinet*	\$19.25
10 to 40 ems by even picas	For lead and slug	Per font
Approximately 80 lbs.	rack under bank	\$75.80
10 to 40 ems by even picas	For lead and slug	Per font
Approximately 136 lbs.	rack under bank	\$114.20
50 pcs. each 10-40, 42, 45	2 fonts fit No.	Per fon
and 50 ems. Approx. 60 lbs.	12013D Cobinet*	\$50.45
17 pcs. each 10-40, 16 ea. 42,	2 fonts fit No.	Per fon
45 and 50. Approx. 60 lbs.	12013D Cabinet*	\$50.45
	5 to 9½ ems by holf-picas Approximately 20 lbs. 5 to 9½ ems by holf-picas Approximately 20 lbs. 10 to 40 ems by even picas Approximately 80 lbs. 10 to 40 ems by even picas Approximately 136 lbs. 50 pcs. each 10-40, 42, 45 and 50 ems. Approx. 60 lbs. 17 pcs. each 10-40, 16 ea. 42, 75	Approximentely 20 lbs. 2013D Cobleret Sto 9½ ens by largicus Approximentely 20 lbs. 12013D Cobleret 120

^{*1} font each Nos. 13223D, 13223E, 12013F and 12013G required to fill racks on School Type Cabinet No. 12014D.

Sorts of Typecast Products in Foundry Lines

All information given in this schedule applies to items in our current line
as well as to inactive items.



What is a Foundry Line?

A "Foundry Line" comprises as many type, cast from one matrix, as can be placed in a 36 pica line (see illustration above).

The cut shown has a 42 point body and a 52 point set width. One 36 pica foundry line — 432 points. Therefore, one line would contain $432 \div 52 = 8$ type,

Use the convenient CONVERSION TABLE on the opposite page to determine the quantity of type in one foundry line. Order a sufficient number of foundry lines to give you the quantity of type required.

Why a 36 Pica Line?

A 36 pica line is the foundry's standard production unit. Fonts too, are made up to the 36 pica measure. However, in sorts one line will contain only one kind of letter, figure or other character.

How to Determine Sorts Prices

Casting methods as well as the body size of the type, determine the price per line. Page 26 shows two price tables: Tables E-1 and E-2. Please read carefully the information at the left of each table, to determine which one applies to your order. Then look up the body size of the litem to be ordered in the far left column and read across to determine the price per line for the number of lines required.

Take Advantage of Quantity Prices

The price per line diminishes sharply as the number of lines ordered increases. In order to get the lower price, you may combine the total number of lines ordered at one time cast from the same ion to matrices.

What may be Ordered as Sorts?

Any item, active or inactive, that can be cast by normal methods and for which we have matrices in our possession.

Delivery

Foundry lines are cast as soon as possible after the order reaches the foundry, provided matrices are available. Since sorts are always cast to special order only, immediate delivery cannot be expected. Ask your ATF type dealer for current delivery information on sorts.

Weight of 36 pice Foundry Line

Point Size	Approx. Wt. in Pounds per Foundry Line	Number of Lines to One Pound
3	.070	14.29
31/2	.080	12.50
4	.093	10.75
41/2	.098	10.20
5	.117	8.54
51/2	.123	8.13
6	.138	7.25
8	.179	5.59
9	.193	5.18
10	.216	4.63
12	.264	3.79
14	.302	3.31
16	.336	2.98
18	.396	2.53
24	.504	2.00
30	.625	1.60
36	.750	1.34
42	.875	1.15
48	1.000	1.00
54	1.125	.89
60	1.250	.80
72	1.500	.67
84	1.750	.57
96	2.00	.50
120	2.50	.40
144	3.00	.33

Sorry, Foundry Lines cast to order may not be returned for credit.

Adcuts and Logotypes



What are they?

Adouts and logotypes are type slugs of trademarks, signatures, illustrations or similar subjects. They are cast on point system bodies, the same as type, and supplied in 36 pica foundry lines.

What do they cost?

They are priced in the same manner as all other sorts in 36 pica lines. Use Table E-1 or E-2, on page 26, whichever is appropriate.

Matrix Engraving Charge

On initial orders for new adouts, logotypes, etc., there will be a charge for matrix engraving. The following price table will serve as a guide:

Matrix charge for single character or simple design	13.50
Each additional character up to and including 15 characters	1.00
Each additional character in excess of 15	.50

Matrices requiring more elaborate design, intricate detail or shading as well as matrices requiring a martise ar ather special treatment, are subject to prior quatotion by ATF.

Drawings or Art Work

All special matrix engraving requires finished drawings or art work, which should be sent to the ATF type dealer along with the order. Send him drawings also if a quotation is requested.

Prices subject to change without natice.

Conv	version	Table		
Pt. Set	Type Par Line	Pt. Set	Type Per Line	Pt. Fer Set Line
	432	816	50	19 22
1%	384	8%	50	1914 22
1%	345	8%	49	19% 22
1%	314	8%	48	19% 21
11/2	288	9	48	20 21
1%	265	91/4	47	2014 21
1%	246	914	46	201/2 21
1%	216	91/2	45	21 20
216	203	9%	44	211/4 20
214	192	9%	44	211/2 20
2%	181	9%	43	21% 19
21/2	172	10	43	22 19
2%	164	10%	42	221/4 19
2%	157 150	1014	42	221/2 19
3	144	10%	41	23 18
316	138	10%	40	2314 18
31/4	132	10%	40	231/2 18
3%	128	10%	39	23% 18
31/2	123	11	39	24 18
3%	119	111%	38	241/4 17
3%	115	1114	38	241/2 17
3%	111	11%	37	24¾ 17 25 17
4	108	11%	37	25 17 25¼ 17
41/2	104	11%	36	251/2 16
4%	98	11%	36	25% 16
41/2	96	12	36	26 16
4%	93	121/2	35	261/4 16
4%	90	121/4	35	261/2 16
4%	88	12%	34	26% 16
5	86	121/2	34	27
51/2	84	12%	34	27¼ 15 27½ 15
514	82	12%	33	27% 15
51/2	78	13	33	28 15
5%	76	1314	32	281/4 1.5
5%	75	1316	32	281/2 15
5%	73	13%	31	28% 15
6	72	14	30	29 14
61/2	70	14%	30	291/4 14
614	69	141/2	29	29% 14
61/2	. 66	15	28	30 14
6%	65	1514	28	301/4 14
6%	64	151/2	27	301/2 14
6%	62	15%	27	30% 14
7	61	16	27	31 to 33 13
73/2	60	161/4	26	33¼ to 36 12 36¼ to 39¼ 11
71/4	59	161/2	26 25	36¼ to 39¼ 11 39½ to 43 10
7%	58 57	16%	25	43½ to 48 9
71/2	56	17%	25	48¼ to 54 8
7%	55	1716	24	54½ to 61½ 7
7%	54	1734	24	61% to 72 6
8	54	18	24	72¼ to 86¼ 5
816	53	1814	23	861/2 to 108 4
814	52		23	108½ to 144 3
8%	51	18%	. 23	1441/2 to 216 2

PRICE LIST

Please Note:

Use this table to determine the price per line for:

- All Standard type in sizes listed (except handmade scripts).
- All ather cast products of a set width up to and including 1½ times the body size.

Point Size	Line	2 Lines	3 Lines	4 Lines	5 Lines	6-10 Lines	11-25 Lines	26-100 Lines	101-200 Lines	201-300 Lines	301-400 Lines
4	\$ 4.95	\$2.80	\$2.35	\$2.10	\$1.80	\$1.30	\$1.25	\$1.20	\$.95	\$.65	\$.55
5	4.40	2.50	2.10	1.85	1.60	1.15	1.10	1.05	.85	.60	.50
6	4.15	2.25	1.85	1.70	1.45	1.00	.90	.85	.65	.55	.45
8	4.20	2.30	1.95	1.75	1.50	1.05	.95	.90	.70	.60	.50
10	4.25	2.35	2.00	1.80	1.55	1.10	1.00	.95	.75	.65	.55
12	4.30	2.45	2.05	1.85	1.60	1.15	1.05	1.00	.85	.70	.60
14	4.35	2.50	2.10	1.95	1.65	1.20	1.10	1.05	.90	.75	.65
16	4.40	2.55	2.15	2.00	1.70	1.30	1.15	1.10	1.00	.90	.75
18	4.40	2.55	2.15	2.00	1.70	1.30	1.15	1.10	1.00	.90	.75
24	4.85	2.65	2.30	2.15	1.85	1.45	1.25	1.20	1.10	1.00	.90
30	5.25	3.00	2.60	2.35	2.15	1.65	1.50	1.45	1.25	1.15	1.05
36	5.70	3.30	2.85	2.65	2.35	1.80	1.65	1.60	1.50	1.40	1.25
42	5.95	3.45	3.10	2.85	2.60	2.05	1.80	1.75	1.65	1.55	1.45
48	6.60	3.70	3.30	3.10	2.80	2.20	2.00	1.95	1.80	1.70	1.60
60	7.40	4.25	3.75	3.55	3.25	2.65	2.30	2.25	2.15	2.05	1.95
72	8.95	5.05	4.60	4.30	3.85	3.00	2.50	2.45	2,30	2.20	2.10
84	9.90	5.80	5.25	4.90	4.40	3.55	2.90	2.80	2.70	2.60	2.50
96	10.70	6.30	5.55	5.40	4.85	3.80	3.20	3.05	2.90	2.80	2.70
120	12.40	7.30	6.60	6,35	5.70	4.45	3,80	3,60	3,45	3.35	3.25

PRICES SHOWN ARE PER FOUNDRY LINE

For more than 400 lines please ask for special quotation.

Use Table E-2 for add point sizes not listed above.

PRICES SHOWN ARE PER FOUNDRY LINE

PRICES SHOWN ARE PER FOUNDRY LINE										
Point Size	1 line	2 Lines	3 Lines	4 Lines	5 Lines	6-10 Lines	11-25 Lines	26-100 Lines	101-200 Lines	201 Lines or more
3	\$ 7.00	\$4.25	\$3.30	\$2.80	\$2.55	\$2.15	\$1.75	\$1.55	\$1.50	\$1.45
31/2	7.00	4.25	3.30	2.80	2.55	2.15	1.75	1.55	1.50	1.45
4	6.95	4.20	3.25	2.75	2.50	2.10	1.70	1.50	1.45	1.40
41/2	6.95	4.20	3.25	2.75	2.50	2.10	1.70	1.50	1.45	1.40
5	6.90	4.15	3.20	2.70	2.45	2.05	1.65	1.45	1.40	1.30
51/2	6.90	4.15	3.20	2.70	2.45	2.05	1.65	1.45	1.40	1.30
6	6.85	4.10	3.15	2.65	2.35	2.00	1.60	1.40	1.30	1.25
7	6.90	4.15	3.20	2.70	2.45	2.05	1.65	1.45	1.40	1.30
8	6.90	4.15	3.20	2.70	2.45	2.05	1.65	1.45	1.40	1.30
9	6.95	4.20	3.25	2.75	2.50	2.10	1.70	1.50	1.45	1.40
10	6.95	4.20	3.25	2.75	2.50	2.10	1.70	1.50	1.45	1.40
11	7.00	4.25	3.30	2.80	2.55	2.15	1.75	1.55	1.50	1.45
12	7.00	4.25	3.30	2.80	2.55	2.15	1.75	1.55	1.50	1.45
14	7.10	4.30	3.40	2.90	2.65	2.25	1.85	1.65	1.55	1.50
16	7.30	4.50	3.60	3.15	2.85	2.45	2.05	1.85	1.75	1.70
18	7.30	4.50	3.60	3.15	2.85	2.45	2.05	1.85	1.75	1.70
20	7.40	4.60	3.65	3.20	2.90	2.50	2.10	1.95	1.80	1.75
22	7.40	4.60	3.65	3.20	2.90	2.50	2.10	1.95	1.80	1.75
24	7.40	4.60	3.65	3.20	2.90	2.50	2.10	1.95	1.80	1.75
30	7.60	4.80	3.85	3.40	3.15	2.70	2.30	2.15	2.05	2.00
36	7.85	5.00	4.10	3.65	3.35	2.90	2.55	2.35	2.30	2.25
42	7.95	5.20	4.20	3.75	3.45	3.05	2.65	2.45	2.35	2.30
48	8.25	5.45	4.50	4.10	3.80	3.35	3.00	2.75	2.70	2.65
54	8.80	6.05	5.05	4.50	4.25	3.60	3.20	3.00	2.90	2.85
60	8.80	6.05	5.05	4.50	4.25	3.60	3.20	3.00	2.90	2.85
66	9.90	6.60	5.60	4.95	4.65	4.20	3.85	3.35	3.30	3.25
72	9.90	6.60	5.60	4.95	4.65	4.20	3.85	3.35	3.30	3.25
84	14.15	9.10	7.45	6.60	6.10	5.35	4.70	4.25	4.20	4.15
96	14.45	9.50	7.85	7.00	6.45	5.75	5.00	4.60	4.50	4.45
108	14.95	9.85	8.20	7.40	6.90	6.10	5.40	5.00	4.95	4.90
120	14.95	9.85	8.20	7.40	6.90	6.10	5.40	5.00	4.95	4.90
144	15.45	10.20	8.70	7.95	7.50	7.10	6.60	6.35	6.30	6.25

Please ask your dealer for a special quotation if a mortise is required.

PRICE LIST

Please Note:

Use this table to determine the price per line for:

- Handmade scripts in this catalag (8ank Script, Commercial Script, Rayal Script, Typo Script and Typa Script Extended) and inactive handmade scripts,
- Other cast praducts of a set width greater than 1½ times the body size.
- Point sizes not listed in Table E-1.



for layout artists

and type specifiers



ATF Alphabets

let you trace characters exactly as they will appear when set in type

ATF Alphabets are more than type specimen sheets — they are sturdy tracing cards which show complete alphabet characters for all the popular ATF display types, in sizes from 12 to 72 point.

About 75 of the most popular type faces are included in a set — more than 125 cards per box. They permit the layout artist to present display lines exactly as they will appear in type, and are a guide to the type specifier in determining sizes of type and proper spacing and leading.

Each card shows complete upper and lower case alphabets, including figures and punctuation marks. The position of the characters on the body of the type is shown, to help determine proper spacing between lines. Lower case alphabet lengths and character counts per pica are given for all sizes up to 36 point. The cards are printed both sides on durable bristol, and are round cornered to permit easy insertion under layout tissue for tracing. An attractive wooden box with hinged top holds the complete set.

All cards are numbered, to help you keep them in proper order; and an Index Card is included with each set. When you purchase a set of ATF Alphabets, your name

and address are recorded. As new cards are developed to show new faces, they are sent to you automatically and without extra charge. The Index is also revised periodically.



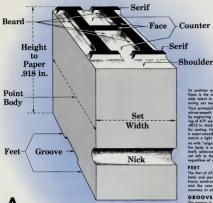


Order your ATF Alphabets from your Authorized ATF Type Dealer or from the Advertising Department, American Type Founders, 200 Elmora Ave., Elizabeth, N. J.

Approximate Quantity of Each Character in ATF Type Fonts Use "A" schemes given as key to this table

CAPS	3A to 33A																						_						_		_	
AINORST	.,	3	4	-	-	- 2			10		12	12	14	15	14	17	10	-	-			-				0.1	-	-				-
B W Y		2	2	2	- 3	. 3	- 3	- 4	- 4		- 5	- 5			. 7	~							10	10						10	10	
C L	***************************************	2	3	4	- 4	- 5	- 5	- 6	. 7	7			•	10	11	12	12	22	112	24	15	14	14	17	10	10	10	-	-	21	-	
DHMPU		2	2	- 3	- 4	- 4		- 5	- 6	7	7					10	30	11	11	15	12	12	112	**								
		4	- 5	6	. 8	9	10	11	12	12	24	14	17	10	10	21	22	24	24	-	-	20	-	-								
F G '		2	2	3	- 3	- 3	- 4		- 5	- 5			7	7						100	10		•	10	10	30						
J K V	on water management	2	2	2	2	3	- 3	- 3	- 4	- 4	. 4		- 5	- 5	- 5	- 5					7	7	-									
QXZ&:;	?	1	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	. 4	4	5	5	5	5	5	5	5	5	6	6	6	
LOWERC					W	hen	the	fc	om	bin	atic	ns e	are	inc	lud	ed i	in f	ont:	th	e q	van	tity	af	f is	ге	duc	ed	to :	am	e a	g	
ainorst		3	4	5	6	7	- 8	9	10	п	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	22	20	20	20	21	22	-
cfmu		2	2	- 3			- 5				7	7					10	30					10									
d		2	3	- 3	4	- 4	- 5	- 6	7						10	11	22	14	10	111	12		14									
0		4	- 5	6	- 8	9	10	12	13	14	1.6	17	10	20	21	22	24	25	27	20	20	20	22	22	20	24	27	20	40		-	
h I manufacture to		2	- 3	4	4	- 5	- 5		7					10		33	12	**	**			.,			10		10		-			
		2	2	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	1
A CONTRACTOR OF THE		1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	
ommijir.		1	1	1	- 1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	
, H		2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	ė.
		1	1	1	2	2	2	_ 2	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	J,
FIGURES	_																															Т
1		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	3
23456789	\$.	2	3	4		- 5	6	7			10	11	11	12	12	12	12	14	15	14	10	10	20	20	-	22	20		20		07	-
0	recent contributions	3	5	6	7	8	10	11	12	13	15	17	17	18	19	20	21	22	24	26	28	29	29	30	31	32	34	35	26	27	20	2
•		2	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	8	8	9	1
CAPS	34A to 75A																															_
AINORST	. ,	14	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	58	60	63	45	40	70	72	75	-
8 W Y													10	19	19	19	20	20	21	21	21	22	22	22	24	-	24	27	20	20	20	
					15	15		16									==															
C L necessaries		12	23	24	25	25	26	27	28	28	29	29	30	31	32	32		33	34	35	35	36	37	30	40	42	42	45	47	49	50	
D H M P U		8	23 19	24 19	25 20	25 20	26 21	27 21	28 22	28 22	29 23	29 23	30 24	31 25	32 26	26	27	27	28	28	28	29	29	39	40	42	43	36	37	30	40	
C L		8	23 19 42	24 19 43	25 20 45	25 20 46	26 21 47	27 21 48	28 22 50	28 22 51	29 23 52	29 23 53	30 24 54	31 25 55	32 26 57	26 58	27 59	27	28	28	28 63	29 65	29	39 31	40 32 72	42 34	43 35 78	36	37	39	40	
DHMPU		12 8 11 6	23 19 42 16	24 19 43 17	25 20 45 18	25 20 46 18	26 21 47 19	27 21 48 19	28 22 50 20	28 22 51 20	29 23 52 21	29 23 53 21	30 24 54 21	31 25 55 55	32 26 57	26 58	27 59	27 60	28 61	28 62	28 63	29 65	29 66 26	39 31 69	40 32 72	42 34 75	43 35 78	36 81	37 84	39 87	40 90	
DHMPU FG'		8 11 6 9	23 19 42 16 9	24 19 43 17 9	25 20 45 18 9	25 20 46 18 9	26 21 47 19	27 21 48 19	28 22 50 20 10	28 22 51 20 10	29 23 52 21 10	29 23 53 21 10	30 24 54 21 11	31 25 55 22 11	32 26 57 22	26 58 22	27 59 23	27 60 23	28 61 24	28 62 24	28 63 25	29 65 25	29 66 26	39 31 69 27	40 32 72 28	42 34 75 29	43 35 78 30	36 81 32	37 84 33	39 87 34	40 90 35	
DHMPU FG'		8 11 6 9	23 19 42 16 9	24 19 43 17 9	25 20 45 18 9	25 20 46 18 9	26 21 47 19	27 21 48 19	28 22 50 20 10	28 22 51 20 10	29 23 52 21 10	29 23 53 21 10	30 24 54 21 11	31 25 55 22 11	32 26 57 22	26 58 22	27 59 23	27 60 23	28 61 24	28 62 24	28 63 25	29 65 25	29 66 26	39 31 69 27	40 32 72 28	42 34 75 29	43 35 78 30	36 81 32	37 84 33	39 87 34	40 90 35	
FG'	7 ASE	12 18 11 16 9 6	23 19 42 16 9 6	24 19 43 17 9 6	25 20 45 18 9 6	25 20 46 18 9 6	26 21 47 19 10 6	27 21 48 19 10 7	28 22 50 20 10 7	28 22 51 20 10 7	29 23 52 21 10 7	29 23 53 21 10 7	30 24 54 21 11 7	31 25 55 22 11 8	32 26 57 22 11 8	26 58 22 11 8	27 59 23 12 8	27 60 23 12 8	28 61 24 12 8	28 62 24 12 8	28 63 25 12 8	29 65 25 13 9	29 66 26 13 9	39 31 69 27 13 9	40 32 72 28 13 9	42 34 75 29 14 10	43 35 78 30 14 10	36 81 32 14 10	37 84 33 14 10	39 87 34 15 11	40 90 35 15 11	
CL DHMPU FG' JKV- QXZ&:;! LOWERC	7 ASE	12 18 11 16 9 6	23 19 42 16 9 6	24 19 43 17 9 6	25 20 45 18 9 6	25 20 46 18 9 6	26 21 47 19 10 6	27 21 48 19 10 7	28 22 50 20 10 7	28 22 51 20 10 7	29 23 52 21 10 7	29 23 53 21 10 7	30 24 54 21 11 7	31 25 55 22 11 8	32 26 57 22 11 8	26 58 22 11 8	27 59 23 12 8	27 60 23 12 8	28 61 24 12 8	28 62 24 12 8	28 63 25 12 8	29 65 25 13 9	29 66 26 13 9	39 31 69 27 13 9	40 32 72 28 13 9	42 34 75 29 14 10	43 35 78 30 14 10	36 81 32 14 10	37 84 33 14 10	39 87 34 15 11	40 90 35 15 11	_
CL DHMPU FG' JKV QXZ&:;1 LOWERC.	7 ASE	12 18 11 16 9 6	23 19 42 16 9 6	24 19 43 17 9 6	25 20 45 18 9 6	25 20 46 18 9 6	26 21 47 19 10 6	27 21 48 19 10 7	28 22 50 20 10 7	28 22 51 20 10 7	29 23 52 21 10 7	29 23 53 21 10 7	30 24 54 21 11 7	31 25 55 22 11 8	32 26 57 22 11 8	26 58 22 11 8 48 19	27 59 23 12 8	27 60 23 12 8	28 61 24 12 8	28 62 24 12 8	28 63 25 12 8	29 65 25 13 9	29 66 26 13 9 55	39 31 69 27 13 9	40 32 72 28 13 9	42 34 75 29 14 10	43 35 78 30 14 10	36 81 32 14 10	37 84 33 14 10	39 87 34 15 11	40 90 35 15 11	
C L D H M P U F G' J K V - Q X Z & : ; 1 LOWERC ainars J b g p w y c f m u	7 ASE	12 18 11 16 9 6	23 19 42 16 9 6	24 19 43 17 9 6	25 20 45 18 9 6	25 20 46 18 9 6	26 21 47 19 10 6	27 21 48 19 10 7 40 16 21	28 22 50 20 10 7	28 22 51 20 10 7 42 17 22	29 23 52 21 10 7 43 17 23	29 23 53 21 10 7	30 24 54 21 11 7 45 18 24	31 25 55 22 11 8 46 18 25	32 26 57 22 11 8 47 19 26	26 58 22 11 8 48 19 26	27 59 23 12 8 49 20 27	27 60 23 12 8 50 20 27	28 61 24 12 8 51 21 28	28 62 24 12 8 52 21 28	28 63 25 12 8 53 21 28	29 65 25 13 9 54 22 29	29 66 26 13 9 55 22 29	39 31 69 27 13 9 58 23 30	40 32 72 28 13 9 60 24 32	42 34 75 29 14 10 63 25 33	43 35 78 30 14 10 65 26 35	36 81 32 14 10 68 27 36	37 84 33 14 10 70 28 37	39 87 34 15 11 73 29 38	40 90 35 15 11 75 30	_
CL DHMPU FG' JKV- QXZ&:;1 LOWERC ainars! bgpwy	7 ASE	12 18 11 16 9 6 14 14 18 10	23 19 42 16 9 6 35 14 19 21	24 19 43 17 9 6	25 20 45 18 9 6	25 20 46 18 9 6	26 21 47 19 10 6 39 16 21 24	27 21 48 19 10 7 40 16 21 24	28 22 50 20 10 7 41 17 22 25	28 22 51 20 10 7 42 17 22 25	29 23 52 21 10 7 43 17 23 26	29 23 53 21 10 7 44 17 23 26	30 24 54 21 11 7 45 18 24 27	31 25 55 22 11 8 46 18 25 78	32 26 57 22 11 8 47 19 26 29	26 58 22 11 8 48 19 26 26	27 59 23 12 8 49 20 27	27 60 23 12 8 50 20 27	28 61 24 12 8 51 21 28 31	28 62 24 12 8 52 21 28	28 63 25 12 8 53 21 28 31	29 65 25 13 9 54 22 29	29 66 26 13 9 55 22 29	39 31 69 27 13 9 58 23 30	40 32 72 28 13 9 60 24 32	42 34 75 29 14 10 63 25 33	43 35 78 30 14 10 65 26 35	36 81 32 14 10 68 27 36	37 84 33 14 10 70 28 37	39 87 34 15 11 73 29 38	40 90 35 15 11 75 30 40	
CL DHMPU FG' JKV- QXZ&:;! LOWERC ainars! bgpwy cfmu	7 ASE	12 18 11 16 9 6 14 14 18 10 15	23 19 42 16 9 6 35 14 19 21 47	24 19 43 17 9 6 15 19 22 48	25 20 45 18 9 6 37 15 20 23 49	25 20 46 18 9 6 38 15 20 23 51	26 21 47 19 10 6 39 16 21 24 52	27 21 48 19 10 7 40 16 21 24 53	28 22 50 20 10 7 41 17 22 25 54	28 22 51 20 10 7 42 17 22 56	29 23 52 21 10 7 43 17 23 26 57	29 23 53 21 10 7 44 17 23 26 59	30 24 54 21 11 7 45 18 24 27 60	31 25 55 22 11 8 46 18 25 28 61	32 26 57 22 11 8 47 19 26 29 62	26 58 22 11 8 48 19 26 29 64	27 59 23 12 8 49 20 27 30 65	27 60 23 12 8 50 20 27 30 67	28 61 24 12 8 51 21 28 31 68	28 62 24 12 8 52 21 28 31 40	28 63 25 12 8 53 21 28 31 70	29 65 25 13 9 54 22 29 32 72	29 66 26 13 9 55 22 29 33 71	39 31 69 27 13 9 58 23 30 34	40 32 72 28 13 9 60 24 32 36	42 34 75 29 14 10 63 25 33 38	43 35 78 30 14 10 65 26 35 39	36 81 32 14 10 68 27 36 40	37 84 33 14 10 70 28 37 42	39 87 34 15 11 73 29 38 43	40 90 35 15 11 75 30 40 45	
CL DHMPU E FG' JKV- QXZ&:;1 LOWERC ainars! bagwy cfmu	ASE	12 18 11 16 9 6 14 14 18 10 15 12	23 19 42 16 9 6 35 14 19 21 47 23	24 19 43 17 9 6 36 15 19 22 48 24	25 20 45 18 9 6 37 15 20 23 49 25	25 20 46 18 9 6 38 15 20 23 51 25	26 21 47 19 10 6 39 16 21 24 52 26	27 21 48 19 10 7 40 16 21 24 53 27	28 22 50 20 10 7 41 17 22 25 54 28	28 22 51 20 10 7 42 17 22 56 28	29 23 52 21 10 7 43 17 23 26 57 29	29 23 53 21 10 7 44 17 23 26 59 29	30 24 54 21 11 7 45 18 24 27 60 30	31 25 55 22 11 8 46 18 25 28 61 31	32 26 57 22 11 8 47 19 26 29 62 32	26 58 22 11 8 19 26 29 64 32	27 59 23 12 8 49 20 27 30 65	27 60 23 12 8 50 27 30 67	28 61 24 12 8 51 28 31 68 34	28 62 24 12 8 52 21 28 31 69	28 63 25 12 8 53 21 28 31 70	29 65 25 13 9 54 22 29 32 72 72	29 66 26 13 9 55 22 29 33 73	39 31 69 27 13 9 58 23 30 34 77	40 32 72 28 13 9 60 24 32 36 80	42 34 75 29 14 10 63 25 33 38 84	43 35 78 30 14 10 65 26 35 39 87	36 81 32 14 10 68 27 36 40 90	37 84 33 14 10 70 28 37 42 93	39 87 34 15 11 73 29 38 43 97 1	40 90 35 15 11 75 30 40 45	
CL DHMPU FG' JKV- QXZ&:;1 LOWERC ainars! bgpwy cfmu d	7 ASE	12 8 11 6 9 6 4 8 10 5 2 9	23 19 42 16 9 6 35 14 19 21 47 23 9	24 19 43 17 9 6 36 15 19 22 48 24 9	25 20 45 18 9 6 37 15 20 23 49 25 9	25 20 46 18 9 6 38 15 20 23 51 25 9	26 21 47 19 10 6 39 16 21 24 52 26 10	27 21 48 19 10 7 40 16 21 24 53 27 10	28 22 50 20 10 7 41 17 22 25 54 28 10	28 22 51 20 10 7 42 17 22 25 56 28 10	29 23 52 21 10 7 43 17 23 26 57 29 10	29 23 53 21 10 7 44 17 23 26 59 29 10	30 24 54 21 11 7 45 18 24 27 60 30 11	31 25 55 22 11 8 46 18 25 28 61 31 11	32 26 57 22 11 8 47 19 26 29 62 32 11	26 58 22 11 8 19 26 29 64 32 11	27 59 23 12 8 49 20 27 30 65 33 12	27 60 23 12 8 50 20 27 30 67 33 12	28 61 24 12 8 51 21 28 31 68 34 12	28 62 24 12 8 52 21 28 31 69 35 12	28 63 25 12 8 53 21 28 31 70 36 12	29 65 25 13 9 54 22 29 32 72 37 13	29 66 26 13 9 55 22 29 33 73 73 13	39 31 69 27 13 9 58 23 30 34 77 39 13	40 32 72 28 13 9 60 24 32 36 80 40 13	42 34 75 29 14 10 63 25 33 38 84 41	43 35 78 30 14 10 65 26 35 39 87 43	36 81 32 14 10 68 27 36 40 90 45	37 84 33 14 10 70 28 37 42 93 47 14	39 87 34 15 11 73 29 38 43 97 1 49	40 90 35 15 11 75 30 40 45 00 15	
CL DHMPU GYZ&:;1 LOWERC Ginars bgpwy cfmu d c hl jkv	? ASE	12 18 11 16 9 6 14 14 8 10 15 2 9 6	23 19 42 16 9 6 35 14 19 21 47 23 9 6	24 19 43 17 9 6 36 15 19 22 48 24 9 6	25 20 45 18 9 6 37 15 20 23 49 25 9 6	25 20 46 18 9 6 38 15 20 23 51 25 9 6	26 21 47 19 10 6 39 16 21 24 52 26 10 6	27 21 48 19 10 7 40 16 21 24 53 27 10 7	28 22 50 20 10 7 41 17 22 25 54 28 10 7	28 22 51 20 10 7 42 17 22 25 56 28 10 7	29 23 52 21 10 7 43 17 23 26 57 29 10 7	29 23 53 21 10 7 44 17 23 26 59 29 10 7	30 24 54 21 11 7 45 18 24 27 60 30 11 7	31 25 55 22 11 8 46 18 25 28 61 31 11 8	32 26 57 22 11 8 47 19 26 29 62 32 11 8	26 58 22 11 8 48 19 26 29 64 32 11 8	27 59 23 12 8 49 20 27 30 65 33 12 8	27 60 23 12 8 50 20 27 30 67 33 12 8	28 61 24 12 8 51 21 28 31 68 34 12 8	28 62 24 12 8 52 21 28 31 69 35 12 8	28 63 25 12 8 53 21 28 31 70 36 12 8	29 65 25 13 9 54 22 29 32 72 37 13 8	29 66 26 13 9 55 22 29 33 73 13 9	39 31 69 27 13 9 58 23 30 34 77 39 13	40 32 72 28 13 9 60 24 32 36 80 40 13	42 34 75 29 14 10 63 25 33 38 84 41 14 0	43 35 78 30 14 10 65 26 35 39 87 43 14	36 81 32 14 10 68 27 36 40 90 45 14	37 84 33 14 10 70 28 37 42 93 47 14	39 87 34 15 11 73 29 38 43 97 1 49 15	40 90 35 15 11 75 30 40 45 00 50	
CL DHMPU I I I I GX Z & :;1 LOWERC ainars! bgpwy cfmu defmu	7 ASE	12 18 11 16 9 6 14 4 8 10 5 2 9 6 8	23 19 42 16 9 6 35 14 19 21 47 23 9 6	24 19 43 17 9 6 15 19 22 48 24 9 6 19	25 20 45 18 9 6 37 15 20 23 49 25 9 6	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20	26 21 47 19 10 6 21 24 52 26 10 6 20	27 21 48 19 10 7 40 16 21 24 53 27 10 7 21	28 22 50 20 10 7 41 17 22 25 54 28 10 7 21	28 22 51 20 10 7 42 17 22 25 56 28 10 7 22	29 23 52 21 10 7 43 17 23 26 57 29 10 7	29 23 53 21 10 7 44 17 23 26 59 10 7 23	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25	32 26 57 22 11 8 47 19 26 29 62 32 11 8 25	26 58 22 11 8 19 26 29 64 32 11 8 26	27 59 23 12 8 49 20 27 30 65 33 12 8 26	27 60 23 12 8 50 20 27 30 67 33 12 8 27	28 61 24 12 8 51 28 31 68 34 12 8 27	28 62 24 12 8 52 21 28 31 69 35 12 8 28	28 63 25 12 8 53 21 28 31 70 36 12 8 28	29 65 25 13 9 54 22 29 32 72 37 13 8	29 66 26 13 9 55 22 29 33 73 73 13 9	39 31 69 27 13 9 58 23 30 34 77 39 13 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9	42 34 75 29 14 10 63 25 33 38 84 41 14 9	43 35 78 30 14 10 65 26 35 39 87 43 14 10	36 81 32 14 10 68 27 36 40 90 45 14 10	37 84 33 14 10 70 28 37 42 93 47 14 10 37	39 87 34 15 11 73 29 38 43 97 1 49 15 10 38	40 90 35 15 11 75 30 40 45 00 50 15	
CL DHMPU FG' JKY- QXZ&:;1 LOWERC ainars! bgpwy cfmu d d	7 ASE	12 8 11 6 9 6 14 4 8 10 15 2 9 6 8 5	23 19 42 16 9 6 35 14 19 21 47 23 9 6 19 5	24 19 43 17 9 6 15 19 22 48 24 9 6 19 5	25 20 45 18 9 6 37 15 20 23 49 25 9 6 19 5	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20 5	26 21 47 19 10 6 21 24 52 26 10 6 20 5	27 21 48 19 10 7 40 16 21 24 53 27 10 7 21 5	28 22 50 20 10 7 41 17 22 25 54 28 10 7 21	28 22 51 20 10 7 22 25 56 28 10 7 22 55 28	29 23 52 21 10 7 43 17 23 26 57 29 10 7 22 5	29 23 53 21 10 7 44 17 23 26 59 10 7 23 5	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24 6	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25 6	32 26 57 22 11 8 47 19 26 29 62 32 11 8 25 6	26 58 22 11 8 19 26 29 64 32 11 8 26 6	27 59 23 12 8 49 20 27 30 65 33 12 8 26 4	27 60 23 12 8 50 20 27 30 67 33 12 8 27	28 61 24 12 8 51 21 28 31 68 34 12 8 27	28 62 24 12 8 52 21 28 31 69 35 12 8 28	28 63 25 12 8 53 21 28 31 70 36 12 8 28	29 65 25 13 9 54 22 29 32 72 37 13 8 29	29 66 26 13 9 55 22 29 33 73 73 73 13 9 29	39 31 69 27 13 9 58 23 30 34 77 39 13 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9 32	42 34 75 29 14 10 63 25 33 84 41 14 9	43 35 78 30 14 10 65 26 35 39 87 43 14 10 35	36 81 32 14 10 68 27 36 40 90 45 14 10 35	37 84 33 14 10 70 28 37 42 93 47 14 10 37	39 87 34 15 11 73 29 38 43 97 1 15 10 38	40 90 35 15 11 75 30 40 45 00 15 11 40	
CL DHMPU FG' JKY- QXZ&:;1 LOWERC ainars! bgpwy cfmu d	7 ASE	12 8 11 6 9 6 4 4 8 10 5 2 9 6 8 5 3	23 19 42 16 9 6 35 14 19 21 47 23 9 6 19 5 3	24 19 43 17 9 6 15 19 22 48 24 9 6 19 5	25 20 45 18 9 6 37 15 20 23 49 25 9 6 19 5	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20 5 3	26 21 47 19 10 6 39 16 21 24 52 26 10 6 20 5	27 21 48 19 10 7 40 16 21 24 53 27 10 7 21 5	28 22 50 20 10 7 21 54 21 5 3	28 22 51 20 10 7 22 25 56 28 10 7 22 5 56 28	29 23 52 21 10 7 43 17 23 26 57 29 10 7 22 5	29 23 53 21 10 7 23 26 59 10 7 23 59 10 7	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24 6	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25 6	32 26 57 22 11 8 47 19 26 29 62 32 11 8 25 6	26 58 22 11 8 19 26 29 64 32 11 8 26 6	27 59 23 12 8 20 27 30 65 33 12 8 26 6	27 60 23 12 8 50 20 27 30 67 33 12 8 27 6	28 61 24 12 8 51 21 28 31 68 34 12 8 27 6	28 62 24 12 8 52 21 28 31 69 35 12 8 28	28 63 25 12 8 21 28 31 70 36 12 8 28 6	29 65 25 13 9 54 22 29 32 72 37 13 8 29 7	29 66 26 13 9 55 22 29 33 73 73 13 9 29 7	39 31 69 27 13 9 58 23 30 34 77 39 13 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9	42 34 75 29 14 10 63 25 33 38 84 41 14 9	43 35 78 30 14 10 65 26 35 39 87 43 14 10 35 8	36 81 32 14 10 68 27 36 40 90 45 14 10 35 8	37 84 33 14 10 70 28 37 42 93 47 14 10 37 8	39 87 34 15 11 73 29 38 43 97 1 49 15 10 38 8	40 90 35 15 11 75 30 40 45 00 15 11 40 9	
CL DHMPU FG' JKY- QXZ&:;1 LOWERC ainars! bgpwy cfme d d e nh! jky qxx	ASE	12 8 11 6 9 6 14 4 8 10 15 2 9 6 8 5 3 4	23 19 42 16 9 6 35 14 19 21 47 23 9 6 19 5 3 4	24 19 43 17 9 6 36 15 19 22 48 24 9 6 19 5 3 4	25 20 45 18 9 6 37 15 20 23 49 25 9 6 19 5 3 4	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20 5 3 4	26 21 47 19 10 6 21 24 52 26 10 6 20 5 3 4	27 21 48 19 10 7 40 16 21 24 53 27 10 7 21 5 3 4	28 22 50 20 10 7 41 17 22 25 54 28 10 7 21 5 3	28 22 51 20 10 7 22 25 56 28 10 7 22 5 3 4	29 23 52 21 10 7 23 26 57 29 10 7 22 5 3 4	29 23 53 21 10 7 23 26 59 29 10 7 23 5 3 4	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24 6 4 6	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25 6 4 6	32 26 57 22 11 8 47 19 26 29 62 32 11 8 25 6 4	26 58 22 11 8 19 26 29 64 32 11 8 26 6 4	27 59 23 12 8 49 20 27 30 65 33 12 8 26 6	27 60 23 12 8 50 27 30 67 33 12 8 27 6 4	28 61 24 12 8 51 28 31 68 34 12 8 27 6 4	28 62 24 12 8 52 21 28 31 69 35 12 8 28 6 4	28 63 25 12 8 31 70 36 12 8 28 6 4	29 65 25 13 9 54 22 29 32 72 37 13 8 29 7 4	29 66 26 13 9 55 22 29 33 37 13 9 29 7 4 6	39 31 69 27 13 9 58 23 30 34 77 39 13 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9 32 7 4	42 34 75 29 14 10 63 25 33 38 84 41 14 9 33 8	43 35 78 30 14 10 65 26 35 39 87 43 14 10 35 8 4	36 81 32 14 10 68 27 36 40 90 45 14 10 35 8	37 84 33 14 10 70 28 37 42 93 47 14 10 37 8 5	39 87 34 15 11 73 29 38 43 97 1 49 15 10 38 8 5	40 90 35 15 11 75 30 40 45 00 15 11 40 9 5	
CL DHMPU FG' JKV- QXZ&:;1 LOWERC dainars! bgpwy cfmu d d d d d d d d d d d d d d d d d d d	7 ASE	12 8 11 6 9 6 14 4 8 10 15 2 9 6 8 5 3 4	23 19 42 16 9 6 35 14 19 21 47 23 9 6 19 5 3 4	24 19 43 17 9 6 36 15 19 22 48 24 9 6 19 5 3 4	25 20 45 18 9 6 37 15 20 23 49 25 9 6 19 5 3 4	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20 5 3 4	26 21 47 19 10 6 21 24 52 26 10 6 20 5 3 4	27 21 48 19 10 7 40 16 21 24 53 27 10 7 21 5 3 4	28 22 50 20 10 7 41 17 22 25 54 28 10 7 21 5 3	28 22 51 20 10 7 22 25 56 28 10 7 22 5 3 4	29 23 52 21 10 7 23 26 57 29 10 7 22 5 3 4	29 23 53 21 10 7 23 26 59 29 10 7 23 5 3 4	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24 6 4 6	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25 6 4 6	32 26 57 22 11 8 47 19 26 29 62 32 11 8 25 6 4	26 58 22 11 8 19 26 29 64 32 11 8 26 6 4	27 59 23 12 8 49 20 27 30 65 33 12 8 26 6	27 60 23 12 8 50 27 30 67 33 12 8 27 6 4	28 61 24 12 8 51 28 31 68 34 12 8 27 6 4	28 62 24 12 8 52 21 28 31 69 35 12 8 28 6 4	28 63 25 12 8 31 70 36 12 8 28 6 4	29 65 25 13 9 54 22 29 32 72 37 13 8 29 7 4	29 66 26 13 9 55 22 29 33 37 13 9 29 7 4	39 31 69 27 13 9 58 23 30 34 77 39 13 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9 32 7 4	42 34 75 29 14 10 63 25 33 38 84 41 14 9 33 8	43 35 78 30 14 10 65 26 35 39 87 43 14 10 35 8 4	36 81 32 14 10 68 27 36 40 90 45 14 10 35 8	37 84 33 14 10 70 28 37 42 93 47 14 10 37 8 5	39 87 34 15 11 73 29 38 43 97 1 49 15 10 38 8 5	40 90 35 15 11 75 30 40 45 00 15 11 40 9 5	
CL OHMPU FG JKV- QXZ4;;1 LOWERC Giners	7 ASE	12 8 11 6 9 6 14 8 10 5 2 9 6 8 5 3 4 6	23 19 42 16 9 6 35 14 19 21 47 23 9 6 19 5 3 4 6	24 19 43 17 9 6 15 19 22 48 24 9 6 19 5 3 4 6	25 20 45 18 9 6 37 15 20 23 49 25 9 6 19 5 3 4 6	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20 5 3 4 6	26 21 47 19 10 6 21 24 52 26 10 6 20 5 3 4 6	27 21 48 19 10 7 40 16 21 24 53 27 10 7 21 5 3 4 7	28 22 50 20 10 7 22 25 54 28 10 7 21 5 3 4 7	28 22 51 20 10 7 22 25 56 28 10 7 22 5 3 4 7	29 23 52 21 10 7 23 26 57 29 10 7 22 5 3 4 7	29 23 53 21 10 7 44 17 23 26 59 29 10 7 23 5 3 4 7	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24 6 4 6 7	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25 6 4 6 8	32 26 57 22 11 8 47 19 26 29 62 32 11 8 25 6 4 6 8	26 58 22 11 8 19 26 29 64 32 11 8 26 4 6 8	27 59 23 12 8 49 20 27 30 65 33 12 8 26 4 6 8	27 60 23 12 8 50 20 27 30 67 33 12 8 27 6 4 6 8	28 61 24 12 8 51 28 31 68 34 12 8 27 6 4 6 8	28 62 24 12 8 52 21 28 31 69 35 12 8 28 6 4 6 8	28 63 25 12 8 53 21 70 36 12 8 28 6 4 6 8	29 65 25 13 9 54 22 29 32 72 37 13 8 29 7 4 6 9	29 66 26 13 9 55 22 29 33 37 13 9 29 7 4 6 9	39 31 69 27 13 9 58 23 30 34 77 39 13 9 30 7 4 6 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9 32 7 4 6 9	42 34 75 29 14 10 63 25 33 38 84 41 9 33 8 4 6 9	43 35 78 30 14 10 65 26 35 39 87 43 14 10 35 8 4 6	36 81 32 14 10 68 27 36 40 90 45 14 10 35 8 4 6 10	37 84 33 14 10 70 28 37 42 93 47 14 10 37 8 5 7	39 87 34 15 11 73 29 38 43 97 1 49 15 10 38 8 5 7	40 90 35 15 11 75 30 40 45 00 50 11 40 9 5 7	
CL OHMPU FG', JKY, J	7 ASE	12 8 11 6 9 6 14 8 10 5 2 9 6 8 5 3 4 6	23 19 42 16 9 6 35 14 19 21 47 23 9 6 19 5 3 4 6	24 19 43 17 9 6 15 19 22 48 24 9 6 19 5 3 4 6	25 20 45 18 9 6 37 15 20 23 49 25 9 6 19 5 3 4 6	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20 5 3 4 6	26 21 47 19 10 6 21 24 52 26 10 6 20 5 3 4 6	27 21 48 19 10 7 40 16 21 24 53 27 7 21 5 3 4 7	28 22 50 20 10 7 21 25 54 28 10 7 21 5 3 4 7	28 22 51 20 10 7 42 17 22 25 56 28 10 7 22 5 3 4 7	29 23 52 21 10 7 43 17 23 26 57 29 10 7 22 5 3 4 7	29 23 53 21 10 7 44 17 23 26 59 29 10 7 23 5 3 4 7	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24 6 4 6 7	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25 6 4 6 8	32 26 57 22 11 8 47 19 26 29 62 32 11 8 25 6 4 6 8	26 58 22 11 8 19 26 29 64 32 11 8 26 6 4 6 8	27 59 23 12 8 49 20 27 30 65 33 12 8 26 6 4 6 8	27 60 23 12 8 50 20 27 30 67 33 12 8 27 6 4 6 8	28 61 24 12 8 51 21 28 31 68 34 12 8 27 6 4 6 8	28 62 24 12 8 52 21 28 31 69 35 12 8 28 6 4 6 8	28 63 25 12 8 53 21 28 31 70 36 12 8 8 6 4 6 8	29 65 25 13 9 54 22 29 32 72 37 13 8 29 7 4 6 9	29 66 26 13 9 55 22 29 33 73 73 73 74 6 9	39 31 69 27 13 9 58 23 30 34 77 39 30 7 4 6 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9 32 7 4 6 9	42 34 75 29 14 10 63 25 33 38 84 41 41 9 33 8 4 6 9	43 35 78 30 14 10 65 26 35 39 87 43 14 10 35 8 4 6 10	36 81 32 14 10 68 27 36 40 90 45 14 10 35 8 4 6 10	37 84 33 14 10 70 28 37 42 93 47 10 37 8 5 7 10	39 87 34 15 11 73 29 38 43 97 1 15 10 38 8 5 7 10	40 90 35 15 11 75 30 40 45 00 50 15 11 40 9 5 7	
CL OHMPU FFG', JKY-, JKY-, JKY-, JKY-, OWERC GING'S HISTORY JKY-, JK	ASE	12 8 11 6 9 6 4 8 10 5 2 9 6 8 5 3 4 6 4 9	23 19 42 16 9 6 35 14 19 21 47 23 9 6 19 5 3 4 6	24 19 43 17 9 6 15 19 22 48 24 9 6 19 5 3 4 6	25 20 45 18 9 6 37 15 20 23 49 25 9 6 19 5 3 4 6	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20 5 3 4 6	26 21 47 19 10 6 39 16 21 24 52 26 10 6 39 4 6	27 21 48 19 10 7 40 16 21 24 53 27 10 7 21 5 3 4 7	28 22 50 20 10 7 22 25 54 28 10 7 21 5 3 4 7	28 22 51 20 10 7 22 25 56 28 10 7 22 5 3 4 7	29 23 52 21 10 7 43 17 23 26 57 29 10 7 22 5 3 4 7	29 23 53 21 10 7 23 26 59 29 10 7 23 5 3 4 7	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24 6 4 6 7	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25 6 4 6 4 6 8	32 25 57 22 11 8 47 19 26 29 62 32 11 8 25 6 4 6 8	26 58 22 11 8 19 26 29 64 32 11 8 26 6 4 6 8	27 59 23 12 8 49 20 27 30 65 33 12 8 26 6 4 6 8	27 60 23 12 8 50 20 27 30 67 33 12 8 27 6 4 6 8	28 61 24 12 8 51 21 28 31 68 34 12 8 27 6 4 6 8	28 62 24 12 8 31 69 35 12 8 28 6 4 6 8	28 63 25 12 8 53 21 28 31 70 36 12 8 8 6 4 6 8	29 65 25 13 9 54 22 29 32 72 37 13 8 29 7 4 6 9	29 66 26 13 9 55 22 29 33 73 37 13 9 29 7 4 6 9	39 31 69 27 13 9 58 23 30 34 77 39 13 9 30 7 4 6 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9 32 7 4 6 9	42 34 75 29 14 10 63 25 33 84 41 9 33 8 4 6 9	43 35 78 30 14 10 65 35 39 87 43 14 10 35 8 4 6 10	36 81 32 14 10 68 27 36 40 90 45 14 10 35 8 4 6 10	37 84 33 14 10 70 28 37 42 93 47 11 10 37 8 5 7 10	39 87 34 15 11 73 29 38 43 97 1 15 10 38 8 5 7 10	40 90 35 15 11 75 30 40 45 00 50 15 11 40 9 5 7	
CL OHMPU FFG', JKY-, JKY-, JKY-, JKY-, OWERC GING'S HISTORY JKY-, JK	7 ASE	12 8 11 6 9 6 4 8 10 5 2 9 6 8 5 3 4 6 4 9 0	23 19 42 16 9 6 35 14 17 23 9 6 19 5 3 4 6	24 19 43 17 9 6 36 15 19 22 48 24 9 6 19 5 3 4 6	25 20 45 18 9 6 37 15 20 23 49 25 9 6 19 5 3 4 6	25 20 46 18 9 6 38 15 20 23 51 25 9 6 20 5 3 4 6	26 21 47 19 10 6 21 24 52 26 10 6 20 5 3 4 6	27 21 48 19 10 7 40 16 21 24 53 27 10 7 21 5 3 4 7	28 22 50 20 10 7 21 25 54 28 10 7 21 5 3 4 7	28 22 51 20 10 7 22 25 56 28 10 7 22 5 3 4 7	29 23 52 21 10 7 43 17 23 26 57 29 10 7 22 5 3 4 7	29 23 53 21 10 7 44 17 23 26 59 29 10 7 23 5 3 4 7	30 24 54 21 11 7 45 18 24 27 60 30 11 7 24 6 6 7	31 25 55 22 11 8 46 18 25 28 61 31 11 8 25 6 4 6 8	32 26 57 22 11 8 47 19 62 29 62 32 11 8 25 6 4 6 8	26 58 22 11 8 19 26 29 64 32 11 8 26 6 8	27 59 23 12 8 49 20 27 30 65 33 12 8 26 6 4 6 8	27 60 23 12 8 50 27 30 67 33 12 8 27 6 4 6 8	28 61 24 12 8 51 21 28 31 68 34 12 8 27 6 4 6 8	28 62 24 12 8 31 69 35 12 8 28 6 4 6 8 52 47 59	28 63 25 12 8 53 21 28 31 70 36 12 8 8 6 4 6 8	29 65 25 13 9 54 22 29 72 37 13 8 29 7 4 6 9	29 66 26 13 9 55 22 29 33 73 73 73 74 6 9	39 31 69 27 13 9 58 23 30 34 77 39 30 7 4 6 9	40 32 72 28 13 9 60 24 32 36 80 40 13 9 32 7 4 6 9	42 34 75 29 14 10 63 25 33 38 84 41 14 9 33 8 4 6 9	43 35 78 30 14 10 65 26 35 39 87 43 16 10 65 65 60 71	36 81 32 14 10 68 27 36 40 90 45 14 6 10 68 63 74	37 84 33 14 10 70 28 37 42 93 47 11 10 37 8 5 7 10	39 87 34 15 11 73 29 38 43 97 1 5 7 10 73 8 5 7 10	40 90 35 15 11 75 30 40 45 00 50 11 11 40 9 5 7 11	

THE ANATOMY OF ATF TYPE



LIGNMENT

In ATF type, alignment is bu The base, or line, of the letter is an integral dimension of the matrix and is not left to the casting machine aperator's discretion. Every letter cost from ATF matrices will align regard-less of when it is cost. Costing machines not having this feature cannot constantly cast quality type. Accordingly, carelessness, lack of skill an the part of the operator, slippage or wear can all result in different adjustment and alignment on different letters or different costings.

An efficient body must be strong. Making metal hard is a simple matter, but a metal that will withstand abrasion by paper stacks as well as the abusive pressures of printing and reproduction methods such as stereatyping, electratyping, rubber plate malding, etc., must be mare than hard. It must be taugh. ATF type is taugh but its taughness rests not alone in the motal formula. To produce a tightly compressed, fine grain metal the malten metal must be cast at grain metal the malten metal must be cast at high temperature under high pressure in a water-coaled mold. Ordinary type casting ma-chines conson match the high pressures or high temperatures of AFF costers and few are equipped with water-coaled molds. In conse-

Accuracy is another important requisite of the type body. If the body of a character tapers in any direction or if its four sides are out of square, this character contact set snugly against its neighbors, is bound to produce a spangy line or form. Here, again, the heavily con-structed, non-adjustable mold which characterizes ATF casters assures a degree of accuracy which others can seldom match.

COUNTER AND DEPTH

ATF matrices are engraved — not stamped — in hard nickel brass. They are cut with precision taals which assure clean walls and sharp edges, even at maximum depths. Most matrices are stamped or punched, rather than engraved. Because of this fact they require a softer brass and there is a definite limitation on the depth to which the punches can be driven, particularly in the shaping of counters.

FACE

The face of ATF type has three distinctive t tures-its design, the efficiency with which it lays ink anto paper uniformly and sharply and

its position on the body. The design of ATF foces is the combined work of the best avail-oble tolent in type design and type layout, as-suring not merely novel but PRACTICAL foces. suring not merely novel but PRACTICAL foces. Their principality comes from their sharp edged, mirror-smooth face and can be obtained only by expreving of the fixes start. The final engro-ing of ATF matrices is done with tool to a fine or .0015 in. thickness, which provide a fine surface for casting. However, ATF goes further to obtain a super-smooth printing surface by giving each matrix a light fishing coard of chromium. marrix a signt massing coar or chromoun.

As with "Olignment," the position of the face on
the body is a precise dimension in the matrix
itself, achieved by expert hand finishing. It is
not left to the operator, hence it is identical,
regardless of when the type is cost.

The feet of ATF type are always square with the body and parallel to the face, because of the heavy construction of the mold an ATF costers and the care expended in maintaining their

The groove in ATF type is machined during the casting operation. ATF casting machine operators or careful to keep their growing knives both sharp and properly adjected and thus evoid the burst that make some other types more than type high or uneven on their feet.

The set of ATF type, like its "alignment," in built into the matrix and is not subject to the variations of an adjustable mold. That the set is olways identical in ATF type, regardless of when it is cast, is further guaranteed by the fact that the precise dimension of each character is stamped on the matrix as a guide to the opera tar and the inspectors who maintain a cons check on the accuracy of the ATF product. Good letterspacing is normal with ATF type. Each character is fitted individually to look its best with all other letters in its alphabet, Over-

hanging letters set well because they are pro arly kerne kerned and rubbed - a PLUS VALUE in

TYPE HEIGHT

The carefully controlled depth of ATF's en-The carefully controlled depth of AIP's en-groved matrices, plus the equally accurate height of AIF molds, produces type of constantly uni-form height. Further precourion against inaccu-racy is the rigid AIF impaction which discards any type that is over .0005 in. high or low.

